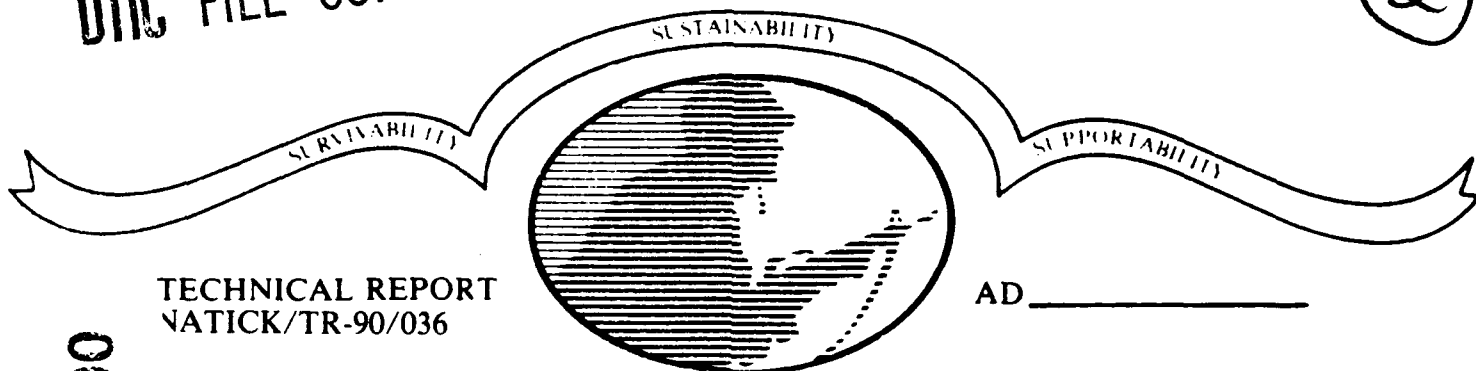


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# 1988 ANTHROPOMETRIC SURVEY OF US ARMY PERSONNEL: CORRELATION COEFFICIENTS AND REGRESSION EQUATIONS

## PART 5 STEPWISE AND STANDARD MULTIPLE REGRESSION TABLES

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19. ABSTRACT (Continue on reverse if necessary and identify by block number) In this five-part series of reports are tabulated the statistical relationships among anthropometric measurements so that designers of Army materiel systems will be able to utilize the data in improving the man-materiel interface. The kinds of statistical relationships tabulated include simple correlations, partial correlations, bivariate regressions and multiple regressions. The simple correlations, partial correlations, and bivariate regressions are among all pairs of characters. Four sets of partial correlations are included, partialling out: stature only; weight only; stature and weight simultaneously; and stature, weight, and age simultaneously. Standard multiple regressions include specific anthropometric dimensions regressed on standard pairs of measurements. Stepwise multiple regressions were also calculated for each anthropometric dimension using the first five independent variables selected in the stepwise procedure. All analyses were performed separately for males and females and are reported separately in the tables.(Continued)					
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1988 Anthropometric Survey of US Army Personnel: Regression Equations and Correlation Coefficients appears in five parts, as follows. Part 1 Statistical Techniques, Landmark, and Measurement Definitions (pp. 1--51), NATICK/TR-90/032; Part 2 Simple and Partial Correlation Tables--Male (pp. 52--312), NATICK/TR-90/033; Part 3 Simple and Partial Correlation Tables--Female (pp. 313--572), NATICK/TR-90/034; Part 4 Bivariate Regression Tables (pp. 573--853), NATICK/TR-90/035; Part 5 Stepwise and Standard Multiple Regression Tables (pp. 854--984), NATICK/TR-90/036.

The report, 1988 Anthropometric Survey of US Army Personnel: Bivariate Frequency Tables, part of the same contract, is complete in one volume, NATICK/TR-90/031.

References for the series appear at the end of Part 5.



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## PREFACE

This report was prepared for use by Army and other personnel in designing human-materiel interfaces. The work was begun in the Department of Cell Biology & Anatomy, Northwestern University, Evanston, IL and completed in the Department of Anatomy & Neurobiology at the Washington University School of Medicine, St. Louis, MO. We wish to thank the contract administrators at both institutions and at the U. S. Army Natick Research, Development, and Engineering Center for their help in facilitating the work, especially in regard to moving the project in midstream.

This report was prepared by James M. Cheverud and colleagues at Northwestern University and Washington University under Army contract DAAK60-89-C-1006 during the period April 1989 through March 1990. Dr. Claire C. Gordon was the project director of the U. S. Army 1988 Anthropometric Survey, and Dr. Robert A. Walker was the project officer for the contract. Dr. Gordon and Dr. Walker are affiliated with the Anthropology Group, Materiel Systems Human Factors Branch, Behavioral Sciences Division, Soldier Science Directorate.

## Part 5 Stepwise and Standard Multiple Regression Tables

### CHAPTER VII

#### STEPWISE MULTIPLE REGRESSION TABLES

Stepwise multiple regression tables are provided separately for males and females. Each table contains a listing for a series of regression equations for each dependent variable. Each dependent variable is first identified by data base number, abbreviated name, and full name (see Chapter III for variable designations and definitions). For each listing five columns are presented, each giving the regression constant and coefficient(s) for the best predictive multiple regression including 1, 2, 3, 4, and 5 independent variables, respectively. The independent variable corresponding to each coefficient is listed to the left by data base number, abbreviated name, and full name. The last two rows of each listing contain the standard error of the estimate and adjusted coefficient of determination (R-squared) for each of the five sequential models. All models are significantly different from zero at the 0.001 level.

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**TABLE 13**

**MALE STEPWISE MULTIPLE REGRESSIONS**

TABLE 13  
STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (2) ABDOMINAL EXTENSION DEPTH, SITTING (ABEXPST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	2.331	-15.168	0.238	-15.162	-6.478
116 (WSTDEPTH) WAIST DEPTH	1.047	0.849	0.837	0.815	0.798
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION		0.074	0.078	0.061	0.050
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION			-0.069	-0.138	-0.108
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)				0.032	0.072
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING					-0.105
S.E. OF ESTIMATE	9.162	8.914	8.855	8.762	8.650
ADJUSTED R-SQUARED	0.895	0.901	0.902	0.904	0.906

DEPENDENT VARIABLE: (3) ACROMIAL HEIGHT (ACRHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	47.731	-5.258	-16.086	-22.744	-5.298
7 (AXHGHT) AXILLA HEIGHT	1.056	1.016	0.987	0.851	0.855
89 (SCYECIRC) SCYE CIRCUMFERENCE		0.237	0.210	0.193	0.191
4 (ACRHTST) ACROMIAL HEIGHT, SITTING			0.102	0.202	0.197
108 (TROCHHT) TROCHANTERION HEIGHT				0.145	0.152
93 (SHOULGTH) SHOULDER LENGTH					-0.165
S.E. OF ESTIMATE	9.734	7.674	7.347	6.997	6.775
ADJUSTED R-SQUARED	0.975	0.985	0.986	0.987	0.988

DEPENDENT VARIABLE: (4) ACROMIAL HEIGHT, SITTING (ACRHTST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-44.510	-9.421	4.100	-12.849	-1.121
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING	1.019	1.039	0.969	0.479	0.508
93 (SHOULGTH) SHOULDER LENGTH		-0.318	-0.255	-0.120	-0.129
49 (ELRHGHT) ELBOW REST HEIGHT			0.094	0.540	0.525
92 (SHOUELLT) SHOULDER-ELBOW LENGTH				0.548	0.546
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE					-0.059
S.E. OF ESTIMATE	6.942	6.021	5.813	4.230	4.087
ADJUSTED R-SQUARED	0.945	0.959	0.961	0.980	0.981

DEPENDENT VARIABLE: (5) ACROMION-RADIALE LENGTH (ACRDLGTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-3.749	-5.722	-4.693	-9.361	-5.393
92 (SHOUELLT) SHOULDER-ELBOW LENGTH	0.934	0.800	0.791	0.779	0.783
98 (SLOUTSM) SLEEVE OUTSEAM		0.085	0.126	0.130	0.130
88 (RASTL) RADIALE-STYLION LENGTH			-0.081	-0.084	-0.081
54 (FORFORBR) FOREARM-FOREARM BREADTH				0.013	0.013
93 (SHOULGTH) SHOULDER LENGTH					-0.044
S.E. OF ESTIMATE	3.752	3.603	3.543	3.499	3.468
ADJUSTED R-SQUARED	0.952	0.956	0.957	0.958	0.959

## STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (6) ANKLE CIRCUMFERENCE (ANKLCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	66.379	21.256	5.519	14.886	13.529
29 (CALFCIRC) CALF CIRCUMFERENCE	0.411	0.323	0.287	0.260	0.266
14 (BIMBDTH) BIMALLEOLAR BREADTH		1.076	0.689	0.633	0.616
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE			0.169	0.299	0.370
30 (CALFHGHT) CALF HEIGHT				-0.110	-0.107
65 (HEELBRTH) HEEL BREADTH					-0.351
S.E. OF ESTIMATE	7.794	6.934	6.714	6.397	6.252
ADJUSTED R-SQUARED	0.642	0.717	0.735	0.759	0.770

## DEPENDENT VARIABLE: (7) AXILLA HEIGHT (AXHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-11.573	23.728	2.205	-1.857	-2.883
3 (ACRHGHT) ACROMIAL HEIGHT	0.924	0.965	0.755	0.670	0.689
89 (SCYECIRC) SCYE CIRCUMFERENCE		-0.214	-0.207	-0.179	-0.256
31 (CERVHGHT) CERVICAL HEIGHT			0.211	0.167	0.157
38 (CHSTHGHT) CHEST HEIGHT				0.142	0.139
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE					0.084
S.E. OF ESTIMATE	9.104	7.479	6.873	6.551	6.446
ADJUSTED R-SQUARED	0.975	0.983	0.986	0.987	0.988

## DEPENDENT VARIABLE: (8) AXILLARY ARM CIRCUMFERENCE (AXARCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	45.826	13.631	-35.646	-5.010	-19.047
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED	0.857	0.621	0.513	0.472	0.425
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION		0.130	0.102	0.091	0.080
13 (BIDLBDTH) BIDELOID BREADTH			0.222	0.375	0.326
11 (BCRMBDTH) BIACROMIAL BREADTH				-0.207	-0.186
89 (SCYECIRC) SCYE CIRCUMFERENCE					0.124
S.E. OF ESTIMATE	14.031	10.594	10.057	9.723	9.581
ADJUSTED R-SQUARED	0.733	0.848	0.863	0.872	0.875

## DEPENDENT VARIABLE: (9) BALL OF FOOT CIRCUMFERENCE (BLFTCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	42.163	25.802	10.110	6.425	-1.537
51 (FTBRHOR) FOOT BREADTH, HORIZONTAL	2.051	1.715	1.552	1.505	1.510
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		0.226	0.185	0.143	0.131
59 (HANDCIRC) HAND CIRCUMFERENCE			0.193	0.161	0.148
14 (BIMBDTH) BIMALLEOLAR BREADTH				0.336	0.301
4 (ACRHTST) ACROMIAL HEIGHT, SITTING					0.026
S.E. OF ESTIMATE	5.854	5.358	5.177	5.098	5.052
ADJUSTED R-SQUARED	0.773	0.809	0.822	0.828	0.831

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (10) BALL OF FOOT LENGTH (BLFTLGTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-1.653	7.147	1.712	4.054	0.986
52 (FOOTLGTH) FOOT LENGTH	0.733	0.759	0.744	0.768	0.753
106 (THUMBBR) THUMB BREADTH		-0.652	-0.673	-0.539	-0.663
217 (L1PLGTH) LIP LENGTH HEADBOARD			0.017	0.019	0.020
51 (F7BRHOR) FOOT BREADTH, HORIZONTAL				-0.128	-0.394
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE					0.147
S.E. OF ESTIMATE	4.153	4.072	4.009	3.977	3.891
ADJUSTED R-SQUARED	0.842	0.848	0.853	0.855	0.862

DEPENDENT VARIABLE: (11) BIACROMIAL BREADTH (BCRMBOTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	232.999	98.505	84.138	47.860	46.190
93 (SHOULGTH) SHOULDER LENGTH	1.090	0.845	0.683	0.623	0.584
13 (BIDLBDTH) BIDELOID BREADTH		0.348	0.657	0.584	0.690
54 (FORFORBR) FOREARM-FOREARM BREADTH			-0.207	-0.186	-0.165
99 (SPAN) SPAN				0.038	0.034
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE					-0.145
S.E. OF ESTIMATE	13.355	10.199	9.007	8.603	8.356
ADJUSTED R-SQUARED	0.447	0.678	0.749	0.771	0.784

DEPENDENT VARIABLE: (12) BICEPS CIRCUMFERENCE, FLEXED (BICIRCFL)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	50.974	-36.236	-45.367	-30.361	-39.511
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE	0.855	0.498	0.525	0.596	0.540
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED		0.682	0.608	0.611	0.571
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.061	0.062	0.065
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION				-0.052	-0.062
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE					0.046
S.E. OF ESTIMATE	14.018	11.266	10.951	10.749	10.639
ADJUSTED R-SQUARED	0.733	0.827	0.837	0.843	0.846

DEPENDENT VARIABLE: (13) BIDELOID BREADTH (BIDLBDTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	21.176	38.545	-11.060	-7.105	-7.959
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE	0.400	0.313	0.220	0.171	0.175
54 (FORFORBR) FOREARM-FOREARM BREADTH		0.155	0.215	0.194	0.190
11 (BCRMBOTH) BIACROMIAL BREADTH			0.320	0.368	0.438
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE				0.139	0.125
93 (SHOULGTH) SHOULDER LENGTH					-0.170
S.E. OF ESTIMATE	9.370	8.332	7.232	7.003	6.873
ADJUSTED R-SQUARED	0.869	0.897	0.922	0.927	0.930

## STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (14) BIMALLEOLAR BREADTH (BIMBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	13.852	11.306	7.494	3.562	3.964
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE	0.174	0.124	0.073	0.050	0.053
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		0.087	0.099	0.080	0.096
52 (FOOTLGTH) FOOT LENGTH			0.068	0.069	0.057
127 (WRISCIRC) WRIST CIRCUMFERENCE				0.093	0.133
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE					-0.027
S.E. OF ESTIMATE	2.697	2.576	2.523	2.474	2.410
ADJUSTED R-SQUARED	0.524	0.566	0.583	0.599	0.620

## DEPENDENT VARIABLE: (15) BISPINOUS BREADTH (BISBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	92.151	117.385	62.415	71.228	41.066
113 (WSTBRTH) WAIST BREADTH	0.450	0.633	0.472	0.458	0.461
104 (THGHCIRC) THIGH CIRCUMFERENCE		-0.137	-0.197	-0.204	-0.201
66 (HIPBRTH) HIP BREADTH			0.410	0.454	0.402
123 (WSHIPLTH) WAIST-HIP LENGTH				-0.087	-0.109
31 (CERVHGT) CERVICAL HEIGHT					0.033
S.E. OF ESTIMATE	14.976	14.361	13.715	13.611	13.503
ADJUSTED R-SQUARED	0.426	0.472	0.519	0.526	0.533

## DEPENDENT VARIABLE: (16) BITRAGION CHIN ARC (BITCHARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	41.197	10.740	-4.499	-32.505	-3.166
21 (BITSNARC) BITRAGION SUBNASAL ARC	0.975	0.677	0.566	0.540	0.612
20 (BITSNARC) BITRAGION SUBMANDIBULAR ARC		0.386	0.342	0.297	0.239
244 (PMENTONX) PMENTON TO BACK OF HEAD			0.031	0.034	0.080
78 (MENSELL) MENTON-SELLION LENGTH				0.357	0.508
252 (SUBNASX) SUBNASALE TO BACK OF HEAD					-0.068
S.E. OF ESTIMATE	7.823	6.391	5.764	5.333	4.544
ADJUSTED R-SQUARED	0.659	0.772	0.815	0.841	0.885

## DEPENDENT VARIABLE: (17) BITRAGION CORONAL ARC (BITCOARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	98.402	9.097	-6.016	-3.637	-10.013
255 (TRAGT) TRAGION TO TOP OF HEAD	0.195	0.171	0.156	0.133	0.154
61 (HEADBRTH) HEAD BREADTH		0.791	0.665	0.648	0.631
18 (BITCRARC) BITRAGION CRINION ARC			0.167	0.242	0.255
231 (CRINIONZ) CRINION TO TOP OF HEAD				0.014	0.019
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD					-0.028
S.E. OF ESTIMATE	6.679	5.305	5.102	5.013	4.894
ADJUSTED R-SQUARED	0.733	0.832	0.844	0.849	0.856

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (18) BITRAGION CRINION ARC (BITCRARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	42.083	6.327	-9.024	-6.093	-1.350
19 (BITFRARC) BITRAGION FRONTAL ARC	0.934	0.758	0.660	0.642	0.664
17 (BITCOARC) BITRAGION CORONAL ARC		0.253	0.421	0.340	0.346
231 (CRINIONZ) CRINION TO TOP OF HEAD			-0.034	-0.046	-0.048
237 (GLABZ) GLABELLA TO TOP OF HEAD				0.038	0.035
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.029
S.E. OF ESTIMATE	6.035	5.409	4.495	4.130	3.923
ADJUSTED R-SQUARED	0.730	0.783	0.850	0.874	0.886

DEPENDENT VARIABLE: (19) BITRAGION FRONTAL ARC (BITFRARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	49.149	-3.994	-11.612	-5.351	-18.261
18 (BITCRARC) BITRAGION CRINION ARC	0.782	0.629	0.634	0.760	0.737
21 (BITSNARC) BITRAGION SUBNASAL ARC		0.352	0.357	0.288	0.257
231 (CRINIONZ) CRINION TO TOP OF HEAD			0.012	0.028	0.028
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD				-0.038	-0.040
63 (HEADLGTH) HEAD LENGTH					0.158
S.E. OF ESTIMATE	5.522	4.265	4.083	3.768	3.643
ADJUSTED R-SQUARED	0.730	0.839	0.853	0.874	0.883

DEPENDENT VARIABLE: (20) BITRAGION SUBMANDIBULAR ARC (BITSNARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	38.400	41.320	29.524	-11.996	-51.511
16 (BITCHARC) BITRAGION CHIN ARC	0.816	0.656	0.617	0.594	0.665
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALION		0.057	0.044	0.036	0.062
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD			0.030	0.035	0.038
50 (EYENTSIT) EYE HEIGHT, SITTING				0.063	0.083
125 (WEIGHT) WEIGHT					-0.032
S.E. OF ESTIMATE	9.565	8.476	8.265	8.008	7.870
ADJUSTED R-SQUARED	0.566	0.659	0.676	0.696	0.706

DEPENDENT VARIABLE: (21) BITRAGION SUBNASAL ARC (BITSNARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	71.806	6.155	7.479	19.172	3.430
16 (BITCHARC) BITRAGION CHIN ARC	0.676	0.523	0.464	0.504	0.463
19 (BITFRARC) BITRAGION FRONTAL ARC		0.379	0.388	0.417	0.411
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.042	0.042	0.037
78 (MENSELL) MENTON-SELLION LENGTH				-0.276	-0.280
226 (ALAREB) ALARE TO BACK OF HEAD					0.017
S.E. OF ESTIMATE	6.514	5.509	5.214	4.954	4.827
ADJUSTED R-SQUARED	0.659	0.756	0.781	0.803	0.812

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (22) BIZYGOMATIC BREADTH (BIZBOTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	27.127	10.280	0.637	8.337	7.255
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD	0.079	0.069	0.061	0.060	0.061
61 (HEADBRTH) HEAD BREADTH		0.210	0.224	0.230	0.226
21 (BITSNARC) BITRAGION SUBNASAL ARC			0.064	0.082	0.098
234 (FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD				-0.007	-0.008
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.009
S.E. OF ESTIMATE	2.438	2.259	2.191	2.148	2.117
ADJUSTED R-SQUARED	0.810	0.837	0.847	0.853	0.857

DEPENDENT VARIABLE: (23) BUSTPOINT/THELION-BUSTPOINT/THELION BREADTH (BSTPTBR)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	24.427	35.862	6.022	-15.438	-1.600
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.193	0.232	0.215	0.213	0.238
70 (INSCYE1) INTERSCYE 1		-0.123	-0.125	-0.126	-0.132
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION			0.098	0.083	0.144
88 (RASTL) RADIALE-STYLION LENGTH				0.117	0.131
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)					-0.043
S.E. OF ESTIMATE	13.423	13.126	12.918	12.802	12.685
ADJUSTED R-SQUARED	0.497	0.519	0.534	0.542	0.550

DEPENDENT VARIABLE: (24) BUTTOCK CIRCUMFERENCE (BUTTCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	572.681	317.263	255.808	182.520	136.824
125 (WEIGHT) WEIGHT	0.524	0.285	0.173	0.143	0.100
67 (HIPBRST) HIP BREADTH, SITTING		1.208	0.933	0.393	0.276
104 (THGHCIRC) THIGH CIRCUMFERENCE			0.419	0.464	0.345
66 (HIPBRTH) HIP BREADTH				0.785	0.930
25 (BUTTDPTH) BUTTOCK DEPTH					0.575
S.E. OF ESTIMATE	22.006	16.233	13.770	12.322	10.986
ADJUSTED R-SQUARED	0.875	0.932	0.951	0.961	0.969

DEPENDENT VARIABLE: (25) BUTTOCK DEPTH (BUTTDPTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-39.289	-10.813	15.983	3.977	10.875
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	0.293	0.452	0.370	0.333	0.337
66 (HIPBRTH) HIP BREADTH		-0.541	-0.584	-0.537	-0.496
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION			0.079	0.059	0.047
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION				0.065	0.068
123 (WSHIPLTH) WAIST-HIP LENGTH					-0.092
S.E. OF ESTIMATE	9.955	8.759	8.047	7.824	7.620
ADJUSTED R-SQUARED	0.770	0.822	0.850	0.858	0.865

# STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (26) BUTTOCK HEIGHT (BUTTHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	7.679	43.071	1.415	-9.237	-1.931
108 (TROCHHT) TROCHANTERION HEIGHT	0.948	0.964	0.178	0.148	0.106
123 (WSHIPLTH) WAIST-HIP LENGTH		-0.284	-0.807	-0.775	-0.750
120 (WSTHOM) WAIST HEIGHT, OMPHALION			0.816	0.753	0.715
56 (FNCLEGLG) FUNCTIONAL LEG LENGTH				0.092	0.080
57 (GLUFURHT) GLUTEAL FURROW HEIGHT					0.098
S.E. OF ESTIMATE	13.130	11.805	6.291	6.093	5.989
ADJUSTED R-SQUARED	0.922	0.937	0.982	0.983	0.984

## DEPENDENT VARIABLE: (27) BUTTOCK-KNEE LENGTH (BUTTKLTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	72.891	88.937	62.510	38.085	42.068
28 (BUTTPLTH) BUTTOCK-POPLITEAL LENGTH	1.086	0.978	0.806	0.825	0.831
125 (WEIGHT) WEIGHT		0.048	0.043	0.026	0.026
56 (FNCLEGLG) FUNCTIONAL LEG LENGTH			0.108	0.106	0.071
29 (CALFCIRC) CALF CIRCUMFERENCE				0.081	0.089
30 (CALFHGHT) CALF HEIGHT					0.078
S.E. OF ESTIMATE	7.589	6.074	5.566	5.448	5.363
ADJUSTED R-SQUARED	0.935	0.959	0.965	0.967	0.968

## DEPENDENT VARIABLE: (28) BUTTOCK-POPLITEAL LENGTH (BUTTPLTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-30.499	-6.797	-2.069	7.639	5.849
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH	0.861	0.915	0.934	0.941	0.915
29 (CALFCIRC) CALF CIRCUMFERENCE		-0.151	-0.093	-0.086	-0.081
72 (KNEECIRC) KNEE CIRCUMFERENCE			-0.098	-0.087	-0.080
58 (HANDBRTH) HAND BREADTH				-0.236	-0.272
87 (POPHGHT) POPLITEAL HEIGHT					0.039
S.E. OF ESTIMATE	6.757	5.796	5.658	5.599	5.566
ADJUSTED R-SQUARED	0.935	0.953	0.955	0.956	0.956

## DEPENDENT VARIABLE: (29) CALF CIRCUMFERENCE (CALFCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	232.409	93.413	187.206	243.586	290.483
125 (WEIGHT) WEIGHT	0.186	0.111	0.135	0.186	0.209
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		0.890	0.894	0.829	0.813
31 (CERVHGHT) CERVICAL HEIGHT			-0.075	-0.095	-0.102
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION				-0.059	-0.064
81 (NECKCIRC) NECK CIRCUMFERENCE					-0.123
S.E. OF ESTIMATE	14.911	12.485	11.881	11.640	11.497
ADJUSTED R-SQUARED	0.656	0.759	0.782	0.791	0.796



## STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (30) CALF HEIGHT (CALFHGT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-44.472	-8.090	-22.338	-28.902	-36.434
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT	0.793	0.842	0.815	0.374	0.366
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		-0.273	-0.264	-0.343	-0.358
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.070	0.064	0.061
74 (KNEENTS1) KNEE HEIGHT, SITTING				0.443	0.375
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH					0.088
S.E. OF ESTIMATE	11.265	10.764	10.294	9.936	9.841
ADJUSTED R-SQUARED	0.774	0.794	0.811	0.824	0.828

## DEPENDENT VARIABLE: (31) CERVICALE HEIGHT (CERVHGT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-8.711	-21.621	-47.785	-38.196	-36.076
83 (NECKHTLT) NECK HEIGHT, LATERAL	1.012	0.993	0.797	0.615	0.564
90 (SCYEDPTH) SCYE DEPTH		0.199	0.197	0.275	0.290
100 (STATURE) STATURE			0.184	0.180	0.205
7 (AXHGHT) AXILLA HEIGHT				0.193	0.169
26 (BUTTHGHT) BUTTOCK HEIGHT					0.068
S.E. OF ESTIMATE	7.063	6.468	6.121	5.826	5.644
ADJUSTED R-SQUARED	0.987	0.989	0.990	0.991	0.992

## DEPENDENT VARIABLE: (32) CERVICALE HEIGHT SITTING (CERVSIT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	28.945	-50.524	-62.091	-29.859	-30.048
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING	1.027	0.557	0.536	0.543	0.784
94 (SITTHGHT) SITTING HEIGHT		0.411	0.372	0.367	0.353
90 (SCYEDPTH) SCYE DEPTH			0.283	0.286	0.256
228 (CHEILB) CHEILION TO BACK OF HEAD				-0.017	-0.020
4 (ACRHTST) ACROMIAL HEIGHT, SITTING					-0.215
S.E. OF ESTIMATE	9.534	7.281	6.118	5.910	5.746
ADJUSTED R-SQUARED	0.902	0.943	0.960	0.962	0.965

## DEPENDENT VARIABLE: (33) CHEST BREADTH (CHSTBDTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-4.438	-52.425	-40.350	-45.153	-37.813
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST	0.352	0.277	0.195	0.264	0.137
13 (BIDLBDTH) BIDELOID BREADTH		0.239	0.224	0.221	0.130
113 (WSTBRTH) WAIST BREADTH			0.229	0.256	0.266
37 (CHSTDPH) CHEST DEPTH				-0.269	-0.385
34 (CHSTCIRC) CHEST CIRCUMFERENCE					0.181
S.E. OF ESTIMATE	11.045	10.381	9.834	9.454	9.076
ADJUSTED R-SQUARED	0.813	0.835	0.852	0.863	0.874

# STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (34) CHEST CIRCUMFERENCE (CHSTCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	47.343	-39.129	-23.976	-29.371	-21.506
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST	1.019	0.543	0.447	0.428	0.362
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE		0.516	0.487	0.475	0.445
37 (CHSTDPTH) CHEST DEPTH			0.426	0.397	0.459
23 (BSTPTBR) BUSTPOINT/THELION-BUSTPOINT/THELION BREADTH				0.193	0.185
33 (CHSTBDTH) CHEST BREADTH					0.221
S.E. OF ESTIMATE	17.815	12.386	11.624	11.322	11.096
ADJUSTED R-SQUARED	0.933	0.968	0.972	0.973	0.974

## DEPENDENT VARIABLE: (35) CHEST CIRCUMFERENCE AT SCYE (CHSTCISC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	118.403	-17.729	-25.495	-20.590	-26.471
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.913	0.675	0.731	0.705	0.703
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE		0.316	0.310	0.289	0.264
116 (WSTDEPTH) WAIST DEPTH			-0.179	-0.183	-0.181
54 (FORFORBR) FOREARM-FOREARM BREADTH				0.085	0.073
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED					0.143
S.E. OF ESTIMATE	17.333	14.316	14.024	13.865	13.758
ADJUSTED R-SQUARED	0.930	0.952	0.954	0.955	0.956

## DEPENDENT VARIABLE: (36) CHEST CIRCUMFERENCE BELOW BREAST (CHSTCB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	18.238	38.914	-9.739	36.749	29.656
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.916	0.710	0.683	0.708	0.692
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION		0.219	0.231	0.228	0.325
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION			0.187	0.217	0.230
97 (SLLSPWR) SLEEVE LENGTH: SPINE-WRIST				-0.088	-0.092
116 (WSTDEPTH) WAIST DEPTH					-0.265
S.E. OF ESTIMATE	16.885	15.022	14.501	14.223	13.995
ADJUSTED R-SQUARED	0.933	0.947	0.951	0.953	0.954

## DEPENDENT VARIABLE: (37) CHEST DEPTH (CHSTDPTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-32.321	-21.258	-21.671	-24.716	-20.258
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.278	0.223	0.311	0.251	0.268
116 (WSTDEPTH) WAIST DEPTH		0.190	0.227	0.205	0.194
33 (CHSTBDTH) CHEST BREADTH			-0.294	-0.324	-0.308
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST				0.083	0.080
70 (INSCYE1) INTERSCYE 1					-0.053
S.E. OF ESTIMATE	9.629	9.128	8.545	8.448	8.366
ADJUSTED R-SQUARED	0.799	0.819	0.842	0.845	0.848

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (38) CHEST HEIGHT (CHSTHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-43.802	27.355	-15.054	-6.247	-4.506
102 (SUPSTRHT) SUPRASTERNAL HEIGHT	0.917	0.994	0.990	0.746	0.750
101 (STRLGTH) STRAP LENGTH		-0.254	-0.356	-0.350	-0.399
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE			0.296	0.270	0.212
3 (ACRHGHT) ACROMIAL HEIGHT				0.240	0.235
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE					0.059
S.E. OF ESTIMATE	13.567	10.014	9.012	8.292	7.936
ADJUSTED R-SQUARED	0.941	0.968	0.974	0.978	0.980

DEPENDENT VARIABLE: (39) CROTCH HEIGHT (CRCHHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	53.315	-22.783	19.369	-2.518	-8.732
57 (GLUFURHT) GLUTEAL FURROW HEIGHT	0.962	0.598	0.422	0.310	0.210
120 (WSTHOM) WAIST HEIGHT, OMPHALION		0.352	0.557	0.531	0.491
41 (CRHL0M) CROTCH LENGTH, OMPHALION			-0.182	-0.221	-0.236
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH				0.271	0.246
74 (KNEEHTSI) KNEE HEIGHT, SITTING					0.276
S.E. OF ESTIMATE	14.477	12.829	10.993	10.249	9.968
ADJUSTED R-SQUARED	0.902	0.923	0.943	0.951	0.954

DEPENDENT VARIABLE: (40) CROTCH LENGTH, NATURAL INDENTATION (CRCHLNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-185.444	-20.524	-34.152	-49.149	-44.752
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)	0.599	0.784	0.739	0.599	0.560
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION		-1.113	-1.359	-1.111	-0.924
90 (SCYEDPTH) SCYE DEPTH			0.875	0.709	0.568
42 (CRLPNI) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION				0.442	0.390
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION					0.417
S.E. OF ESTIMATE	30.612	21.769	18.863	17.207	16.127
ADJUSTED R-SQUARED	0.696	0.846	0.885	0.904	0.916

DEPENDENT VARIABLE: (41) CROTCH LENGTH, OMPHALION (CRHL0M)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-57.020	19.203	-20.971	19.064	14.313
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)	0.439	0.671	0.529	0.357	0.103
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION		-0.930	-0.702	-0.629	-0.170
43 (CRLPOM) CROTCH LENGTH, POSTERIOR OMPHALION			0.493	0.512	0.078
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION				0.252	0.809
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION					-1.457
S.E. OF ESTIMATE	26.748	20.400	18.137	16.457	9.771
ADJUSTED R-SQUARED	0.617	0.777	0.824	0.855	0.949

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (42) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION (CRLPNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	61.703	-19.953	-8.236	-2.676	3.417
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION	0.426	0.322	0.055	0.278	0.266
43 (CRLPOM) CROTCH LENGTH, POSTERIOR OMPHALION		0.511	0.919	0.941	0.957
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION			0.908	0.514	0.489
41 (CRHLOM) CROTCH LENGTH, OMPHALION				-0.243	-0.218
123 (WSHIPLTH) WAIST-HIP LENGTH					-0.091
S.E. OF ESTIMATE	15.982	11.395	5.841	5.296	5.125
ADJUSTED R-SQUARED	0.686	0.841	0.958	0.966	0.968

DEPENDENT VARIABLE: (43) CROTCH LENGTH, POSTERIOR OMPHALION (CRLPOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	71.386	18.035	3.728	13.439	11.150
42 (CRLPNI) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION	0.631	0.946	0.907	0.913	0.908
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION		-0.990	-0.890	-0.887	-0.898
123 (WSHIPLTH) WAIST-HIP LENGTH			0.127	0.132	0.125
59 (HANDCIRC) HAND CIRCUMFERENCE				-0.062	-0.081
80 (NKBPLGTH) NECK-BUSTPOINT/THELION LENGTH					0.038
S.E. OF ESTIMATE	16.918	5.915	5.561	5.535	5.562
ADJUSTED R-SQUARED	0.531	0.943	0.949	0.950	0.949

DEPENDENT VARIABLE: (44) EAR BREADTH (EARBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	20.715	7.880	5.973	3.730	1.088
46 (EARLTRAG) EAR LENGTH ABOVE TRAGION	0.532	0.512	0.394	0.415	0.412
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE		0.040	0.036	0.027	0.021
45 (EARLGTH) EAR LENGTH			0.110	0.126	0.124
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				0.010	0.009
78 (MENSELL) MENTON-SELLION LENGTH					0.039
S.E. OF ESTIMATE	2.365	2.276	2.248	2.210	2.198
ADJUSTED R-SQUARED	0.239	0.295	0.312	0.335	0.342

DEPENDENT VARIABLE: (45) EAR LENGTH (EARLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	29.817	15.094	12.879	0.519	-2.374
46 (EARLTRAG) EAR LENGTH ABOVE TRAGION	1.093	1.009	0.954	0.916	0.819
80 (NKBPLGTH) NECK-BUSTPOINT/THELION LENGTH		0.064	0.060	0.045	0.042
47 (EARPROT) EAR PROTRUSION			0.203	0.200	0.191
94 (SITTHGHT) SITTING HEIGHT				0.020	0.019
44 (EARBDTH) EAR BREADTH					0.196
S.E. OF ESTIMATE	3.327	3.126	3.047	2.984	2.949
ADJUSTED R-SQUARED	0.401	0.472	0.498	0.519	0.530

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (46) EAR LENGTH ABOVE TRAGION (EARLTRAG)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		8.118	3.476	6.607	10.120	11.355
45 (EARLGTH)	EAR LENGTH	0.367	0.301	0.279	0.284	0.286
44 (EARBDTH)	EAR BREADTH		0.238	0.267	0.265	0.266
223 (NOSEBRTH)	NOSE BREADTH HEADBOARD			-0.008	-0.008	-0.006
233 (ECTORBT)	ECTOORBITALE TO TOP OF HEAD				-0.003	-0.010
235 (FRTEMT)	FRONTOTEMPORALE TO TOP OF HEAD					0.007
S.E. OF ESTIMATE		1.929	1.841	1.809	1.801	1.788
ADJUSTED R-SQUARED		0.401	0.455	0.473	0.478	0.485

DEPENDENT VARIABLE: (47) EAR PROTRUSION (EARPROT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		7.496	23.025	5.921	9.830	5.351
45 (EARLGTH)	EAR LENGTH	0.258	0.254	0.231	0.234	0.217
228 (CHEILB)	CHEILION TO BACK OF HEAD		-0.008	-0.008	-0.009	-0.007
61 (HEADBRTH)	HEAD BREADTH			0.125	0.138	0.130
249 (SELLIONZ)	SELLION TO TOP OF HEAD				-0.005	-0.014
247 (PRONASZ)	PRONASALE TO TOP OF HEAD					0.009
S.E. OF ESTIMATE		3.378	3.294	3.226	3.211	3.190
ADJUSTED R-SQUARED		0.097	0.142	0.177	0.184	0.195

DEPENDENT VARIABLE: (48) ELBOW CIRCUMFERENCE (ELBCIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		54.275	18.605	-0.899	-2.540	-11.547
53 (FCIRCFL)	FOREARM CIRCUMFERENCE, FLEXED	0.734	0.551	0.486	0.428	0.427
72 (KNEECIRC)	KNEE CIRCUMFERENCE		0.237	0.186	0.152	0.138
127 (WRISCIRC)	WRIST CIRCUMFERENCE			0.336	0.296	0.277
89 (SCYECIRC)	SCYE CIRCUMFERENCE				0.089	0.084
27 (BUTTKLTH)	BUTTOCK-KNEE LENGTH					0.033
S.E. OF ESTIMATE		6.705	5.421	5.108	4.913	4.848
ADJUSTED R-SQUARED		0.808	0.875	0.889	0.897	0.900

DEPENDENT VARIABLE: (49) ELBOW REST HEIGHT (ELRHGHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-199.218	6.579	-0.975	-2.636	1.477
4 (ACRHTST)	ACROMIAL HEIGHT, SITTING	0.719	0.990	0.979	0.978	0.983
92 (SHOUELT)	SHOULDER-ELBOW LENGTH		-0.997	-1.006	-0.768	-0.686
54 (FORFORBR)	FOREARM-FOREARM BREADTH			0.032	0.035	0.048
5 (ACRDLGTH)	ACROMION-RADIALE LENGTH				-0.256	-0.265
95 (SLLSPEL)	SLEEVE LENGTH: SPINE-ELBOW					-0.069
S.E. OF ESTIMATE		16.935	5.606	5.446	5.363	5.278
ADJUSTED R-SQUARED		0.612	0.957	0.960	0.961	0.962

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (50) EYE HEIGHT, SITTING (EYENTSIT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-67.253	-21.214	-0.024	-7.874	-7.981
94 (SITTHGHT) SITTING HEIGHT	0.940	0.981	0.987	0.988	0.978
259 (ZYFRT) ZYGOFRONTALE TO TOP OF HEAD		-0.079	-0.060	-0.056	-0.056
17 (BITCOARC) BITRAGON CORONAL ARC			-0.132	-0.175	-0.173
61 (HEADBRTH) HEAD BREADTH				0.118	0.118
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.038
S.E. OF ESTIMATE	7.183	5.481	5.358	5.336	5.318
ADJUSTED R-SQUARED	0.956	0.974	0.975	0.976	0.976

DEPENDENT VARIABLE: (51) FOOT BREADTH, HORIZONTAL (FTBRHOR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	6.995	5.023	0.218	0.899	0.395
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE	0.377	0.347	0.336	0.346	0.334
65 (HEELBRTH) HEEL BREADTH		0.132	0.102	0.118	0.117
55 (FORHDLG) FOREARM-HAND LENGTH			0.020	0.037	0.023
10 (BLFTLGTH) BALL OF FOOT LENGTH				-0.064	-0.143
52 (FOOTLGTH) FOOT LENGTH					0.095
S.E. OF ESTIMATE	2.509	2.438	2.407	2.370	2.333
ADJUSTED R-SQUARED	0.773	0.785	0.791	0.797	0.803

DEPENDENT VARIABLE: (52) FOOT LENGTH (FOOTLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	44.407	19.185	6.018	5.212	1.380
10 (BLFTLGTH) BALL OF FOOT LENGTH	1.149	0.881	0.750	0.740	0.720
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH		0.430	0.346	0.200	0.151
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE			0.160	0.154	0.141
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH				0.248	0.251
108 (TROCHHT) TROCHANTERION HEIGHT					0.022
S.E. OF ESTIMATE	5.201	4.440	4.116	4.035	3.968
ADJUSTED R-SQUARED	0.842	0.885	0.901	0.905	0.908

DEPENDENT VARIABLE: (53) FOREARM CIRCUMFERENCE, FLEXED (FCIRCFL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-1.683	14.302	26.338	9.921	13.913
48 (ELBCIRC) ELBOW CIRCUMFERENCE	1.101	0.763	0.874	0.777	0.795
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED		0.230	0.230	0.239	0.229
66 (HIPBRTH) HIP BREADTH			-0.125	-0.120	-0.110
59 (HANDCIRC) HAND CIRCUMFERENCE				0.181	0.192
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT					-0.170
S.E. OF ESTIMATE	8.211	7.436	7.196	7.089	7.038
ADJUSTED R-SQUARED	0.808	0.843	0.853	0.857	0.859

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (54) FOREARM-FOREARM BREADTH (FORFORBR)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-138.278	35.526	27.912	26.069	45.371
13 (BIDLBDTH) BIDELOID BREADTH	1.392	1.850	1.487	1.426	1.424
11 (BCRMBDTH) BIACROMIAL BREADTH		-1.005	-0.910	-0.877	-0.862
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE			0.145	0.123	0.120
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED				0.120	0.147
217 (LIPLGTHN) LIP LENGTH HEADBOARD					-0.054
S.E. OF ESTIMATE	24.551	20.444	19.969	19.875	19.758
ADJUSTED R-SQUARED	0.684	0.781	0.791	0.793	0.795

DEPENDENT VARIABLE: (55) FOREARM-HAND LENGTH (FORHDLG)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	4.460	-11.548	8.786	6.717	15.100
99 (SPAN) SPAN	0.263	0.174	0.072	0.058	0.081
60 (HANDLGTH) HAND LENGTH		0.917	0.917	0.900	0.852
88 (RASTL) RADIALE-STYLION LENGTH			0.618	0.589	0.540
74 (KNEHTSI) KNEE HEIGHT, SITTING				0.070	0.087
95 (SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW					-0.066
S.E. OF ESTIMATE	8.895	7.176	5.353	5.272	5.159
ADJUSTED R-SQUARED	0.855	0.905	0.947	0.949	0.951

DEPENDENT VARIABLE: (56) FUNCTIONAL LEG LENGTH (FNCLEGLG)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	125.864	43.935	52.061	54.656	29.544
74 (KNEHTSI) KNEE HEIGHT, SITTING	1.711	1.047	0.667	0.382	0.293
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH		0.735	0.619	0.637	0.607
26 (BUTTHGHT) BUTTOCK HEIGHT			0.311	0.264	0.249
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT				0.373	0.358
31 (CERVHGHT) CERVICAL HEIGHT					0.075
S.E. OF ESTIMATE	17.920	13.520	12.465	12.284	12.143
ADJUSTED R-SQUARED	0.877	0.930	0.940	0.942	0.943

DEPENDENT VARIABLE: (57) GLUTEAL FURROW HEIGHT (GLUFURHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-36.549	-30.376	-34.160	-42.981	-24.285
108 (TROCHHT) TROCHANTERION HEIGHT	0.917	0.549	0.330	0.268	0.277
39 (CRCHHGHT) CROTCH HEIGHT		0.400	0.313	0.253	0.253
26 (BUTTHGHT) BUTTOCK HEIGHT			0.317	0.258	0.244
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT				0.336	0.356
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					-0.107
S.E. OF ESTIMATE	13.001	11.585	10.893	10.504	10.886
ADJUSTED R-SQUARED	0.919	0.936	0.943	0.947	0.943

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (58) HAND BREADTH (HANDBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	1.916	3.084	2.772	3.893	2.476
59 (HANDCIRC) HAND CIRCUMFERENCE	0.414	0.431	0.423	0.423	0.423
89 (SCYECIRC) SCYE CIRCUMFERENCE		-0.011	-0.012	-0.008	-0.009
65 (HEELBRTH) HEEL BREADTH			0.034	0.037	0.040
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD				-0.002	-0.002
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD					0.002
S.E. OF ESTIMATE	1.306	1.284	1.276	1.266	1.262
ADJUSTED R-SQUARED	0.904	0.907	0.908	0.910	0.910

DEPENDENT VARIABLE: (59) HAND CIRCUMFERENCE (HANDCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	16.317	6.265	5.876	1.098	2.628
58 (HANDBRTH) HAND BREADTH	2.184	1.865	1.824	1.816	1.819
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.223	0.158	0.154	0.159
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED			0.051	0.047	0.047
214 (BIOCBRMH) BIOCULAR BREADTH MAXIMUM HEADBOARD				0.006	0.011
222 (MINFROMH) MINIMUM FRONTAL BREADTH HEADBOARD					-0.009
S.E. OF ESTIMATE	3.000	2.715	2.631	2.614	2.595
ADJUSTED R-SQUARED	0.904	0.921	0.926	0.927	0.928

DEPENDENT VARIABLE: (60) HAND LENGTH (HANDLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	8.182	0.166	-0.219	-1.551	-6.145
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH	1.026	0.808	0.813	0.747	0.734
55 (FORHDLG) FOREARM-HAND LENGTH		0.098	0.086	0.171	0.163
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.014	0.015	0.014
88 (RASTL) RADIALE-STYLION LENGTH				-0.104	-0.099
59 (HANDCIRC) HAND CIRCUMFERENCE					0.046
S.E. OF ESTIMATE	3.024	2.798	2.729	2.657	2.632
ADJUSTED R-SQUARED	0.904	0.918	0.922	0.926	0.928

DEPENDENT VARIABLE: (61) HEAD BREADTH (HEADBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	61.855	27.191	18.727	22.914	34.501
22 (BIZBDTH) BIZYGOMATIC BREADTH	0.639	0.504	0.306	0.269	0.388
17 (BITCOARC) BITRAGION CORONAL ARC		0.152	0.152	0.249	0.254
215 (BTRBDTHH) BITRAGION BREADTH HEADBOARD			0.025	0.024	0.025
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD				-0.025	-0.026
21 (BITSNARC) BITRAGION SUBNASAL ARC					-0.103
S.E. OF ESTIMATE	4.047	3.619	3.479	3.380	3.263
ADJUSTED R-SQUARED	0.439	0.551	0.585	0.609	0.635



STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (62) HEAD CIRCUMFERENCE (HEADCIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		215.654	50.652	35.171	30.810	23.390
236 (GLABX)	GLABELLA TO BACK OF HEAD	0.176	0.164	0.150	0.111	0.074
61 (HEADBRTH)	HEAD BREADTH		1.251	1.012	0.928	0.848
18 (BITCRARC)	BITRAGON CRINION ARC			0.244	0.370	0.174
254 (TRAGB)	TRAGON TO BACK OF HEAD				0.053	0.089
19 (BITFRARC)	BITRAGON FRONTAL ARC					0.402
S.E. OF ESTIMATE		8.682	5.521	5.049	4.712	4.398
ADJUSTED R-SQUARED		0.681	0.871	0.892	0.906	0.918

DEPENDENT VARIABLE: (63) HEAD LENGTH (HEADLGTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		7.122	13.748	3.580	2.619	2.596
236 (GLABX)	GLABELLA TO BACK OF HEAD	0.095	0.096	0.085	0.085	0.078
216 (BIZYBRH)	BIZYGOMATIC BREADTH HEADBOARD		-0.006	-0.012	-0.014	-0.015
62 (HEADCIRC)	HEAD CIRCUMFERENCE			0.073	0.055	0.031
19 (BITFRARC)	BITRAGON FRONTAL ARC				0.048	0.100
254 (TRAGB)	TRAGON TO BACK OF HEAD					0.012
S.E. OF ESTIMATE		1.728	1.481	1.594	1.557	1.531
ADJUSTED R-SQUARED		0.940	0.943	0.949	0.951	0.953

DEPENDENT VARIABLE: (64) HEEL ANKLE CIRCUMFERENCE (HLAKCIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		69.999	21.807	18.134	2.149	-10.220
52 (FOOTLGTH)	FOOT LENGTH	0.998	0.747	0.605	0.572	0.527
6 (ANKLCIRC)	ANKLE CIRCUMFERENCE		0.523	0.460	0.392	0.299
65 (HEELBRTH)	HEEL BREADTH			0.795	0.905	0.836
76 (LATMALHT)	LATERAL MALLEOLUS HEIGHT				0.480	0.408
127 (WRISCIRC)	WRIST CIRCUMFERENCE					0.314
S.E. OF ESTIMATE		9.704	7.652	6.833	6.386	6.146
ADJUSTED R-SQUARED		0.644	0.779	0.824	0.846	0.857

DEPENDENT VARIABLE: (65) HEEL BREADTH (HEELBRTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-3.200	-6.692	-1.710	0.589	2.105
64 (HLAKCIRC)	HEEL ANKLE CIRCUMFERENCE	0.216	0.185	0.211	0.230	0.226
223 (NOSEBRTH)	NOSE BREADTH HEADBOARD		0.038	0.032	0.033	0.029
76 (LATMALHT)	LATERAL MALLEOLUS HEIGHT			-0.170	-0.149	-0.156
87 (POPHGHT)	POPLITEAL HEIGHT				-0.024	-0.054
30 (CALFHGHT)	CALF HEIGHT					0.041
S.E. OF ESTIMATE		3.903	3.515	3.418	3.388	3.355
ADJUSTED R-SQUARED		0.448	0.553	0.577	0.584	0.592

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (66) HIP BREADTH (HIPBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	70.760	59.131	42.292	28.129	20.227
67 (HIPBRST) HIP BREADTH, SITTING	0.739	0.674	0.399	0.329	0.336
15 (BISBDTH) BISPINOUS BREADTH		0.154	0.160	0.160	0.134
24 (BUTCIRC) BUTTOCK CIRCUMFERENCE			0.118	0.247	0.302
25 (BUTDPTH) BUTTOCK DEPTH				-0.351	-0.312
104 (THGHCIRC) THIGH CIRCUMFERENCE					-0.088
S.E. OF ESTIMATE	8.018	7.599	7.126	6.243	6.078
ADJUSTED R-SQUARED	0.843	0.859	0.876	0.905	0.910

DEPENDENT VARIABLE: (67) HIP BREADTH, SITTING (HIPBRST)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-4.897	-31.900	-25.607	-10.941	-0.147
24 (BUTCIRC) BUTTOCK CIRCUMFERENCE	0.378	0.227	0.300	0.207	0.212
66 (HIPBRTH) HIP BREADTH		0.513	0.426	0.485	0.450
105 (THGHLR) THIGH CLEARANCE			-0.285	-0.411	-0.395
104 (THGHCIRC) THIGH CIRCUMFERENCE				0.130	0.137
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.028
S.E. OF ESTIMATE	9.075	7.889	7.653	7.399	7.304
ADJUSTED R-SQUARED	0.870	0.902	0.908	0.914	0.916

DEPENDENT VARIABLE: (68) ILIOCRISTALE HEIGHT (ILCRSIT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	36.576	-7.818	27.161	-7.228	-6.681
120 (WSTHOM) WAIST HEIGHT, OMPHALION	0.979	0.586	0.479	0.399	0.393
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION		0.409	0.552	0.514	0.397
121 (WSTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION			-0.289	-0.354	-0.277
100 (STATURE) STATURE				0.103	0.088
74 (KNEEHTSI) KNEE HEIGHT, SITTING					0.254
S.E. OF ESTIMATE	12.328	10.004	9.272	8.976	8.747
ADJUSTED R-SQUARED	0.942	0.962	0.967	0.969	0.971

DEPENDENT VARIABLE: (69) INTERPUPILLARY BREADTH (INPUBTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	27.718	6.659	7.466	2.560	1.406
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD	0.054	0.033	0.029	0.028	0.028
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD		0.032	0.029	0.024	0.028
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.012	0.012	0.013
22 (BIZBDTH) BIZYGOMATIC BREADTH				0.077	0.197
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD					-0.014
S.E. OF ESTIMATE	2.514	2.203	2.155	2.130	2.102
ADJUSTED R-SQUARED	0.540	0.647	0.662	0.670	0.679

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (70) INTERSCYE 1 (INSCYE1)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-38.002	-68.148	-5.224	-5.482	-24.310
71 (INSCYE2) INTERSCYE 2	1.080	0.955	1.052	1.069	1.073
34 (CHSTCIRC) CHEST CIRCUMFERENCE		0.082	0.088	0.079	0.074
11 (BCRMBDTH) BIACROMIAL BREADTH			-0.275	-0.185	-0.210
93 (SHOULGTH) SHOULDER LENGTH				-0.218	-0.240
111 (WSTBLN1) WAIST BACK LENGTH, NATURAL INDENTATION					0.086
S.E. OF ESTIMATE	10.684	9.695	8.857	8.692	8.496
ADJUSTED R-SQUARED	0.884	0.905	0.921	0.924	0.927

DEPENDENT VARIABLE: (71) INTERSCYE 2 (INSCYE2)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	78.102	26.803	-5.500	3.505	17.725
70 (INSCYE1) INTERSCYE 1	0.819	0.775	0.744	0.785	0.784
93 (SHOULGTH) SHOULDER LENGTH		0.457	0.288	0.238	0.222
11 (BCRMBDTH) BIACROMIAL BREADTH			0.177	0.210	0.230
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST				-0.034	-0.029
128 (WRISHGHT) WRIST HEIGHT					-0.028
S.E. OF ESTIMATE	9.301	7.939	7.639	7.470	7.396
ADJUSTED R-SQUARED	0.884	0.916	0.922	0.925	0.927

DEPENDENT VARIABLE: (72) KNEE CIRCUMFERENCE (KNEECIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	79.000	32.417	21.531	14.550	10.733
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE	0.784	0.750	0.723	0.679	0.678
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA		0.119	0.097	0.090	0.067
14 (BIMBDTH) BIMALLEOLAR BREADTH			0.444	0.449	0.339
66 (HIPBRTH) HIP BREADTH				0.080	0.079
52 (FOOTLGTH) FOOT LENGTH					0.091
S.E. OF ESTIMATE	6.255	5.412	5.237	5.133	5.082
ADJUSTED R-SQUARED	0.920	0.940	0.944	0.946	0.947

DEPENDENT VARIABLE: (73) KNEE HEIGHT, MIDPATELLA (KNEEHTMP)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-5.087	-16.650	-24.876	-13.445	-11.449
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT	1.017	0.770	0.549	0.473	0.503
108 (TROCHHT) TROCHANTERION HEIGHT		0.146	0.107	0.068	0.074
74 (KNEEHTSI) KNEE HEIGHT, SITTING			0.277	0.434	0.622
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE				-0.063	-0.122
87 (POPHGHT) POPLITEAL HEIGHT					-0.242
S.E. OF ESTIMATE	6.799	6.318	6.095	5.956	5.811
ADJUSTED R-SQUARED	0.939	0.947	0.951	0.953	0.956

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (74) KNEE HEIGHT, SITTING (KNEEHTSI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	40.745	13.251	2.231	3.314	-1.844
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT	1.033	0.995	0.505	0.235	0.175
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE		0.118	0.198	0.198	0.209
87 (POPHGHT) POPLITEAL HEIGHT			0.520	0.474	0.428
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA				0.306	0.278
39 (CRCHHGHT) CROTCH HEIGHT					0.078
S.E. OF ESTIMATE	6.483	5.724	4.343	3.831	3.635
ADJUSTED R-SQUARED	0.946	0.958	0.976	0.981	0.983

DEPENDENT VARIABLE: (75) LATERAL FEMORAL EPICONDYLE HEIGHT (LATFEMEP)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-10.274	1.240	6.217	-0.946	0.170
74 (KNEEHTSI) KNEE HEIGHT, SITTING	0.916	0.511	0.407	0.328	0.328
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA		0.425	0.367	0.353	0.375
87 (POPHGHT) POPLITEAL HEIGHT			0.191	0.190	0.219
56 (FNCLEGLG) FUNCTIONAL LEG LENGTH				0.054	0.069
108 (TROCHHT) TROCHANTERION HEIGHT					-0.044
S.E. OF ESTIMATE	6.105	5.239	5.000	4.909	4.876
ADJUSTED R-SQUARED	0.946	0.960	0.964	0.965	0.966

DEPENDENT VARIABLE: (76) LATERAL MALLEOLUS HEIGHT (LATMALHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	1.411	4.517	-1.180	3.113	5.718
100 (STATURE) STATURE	0.037	0.052	0.042	0.035	0.036
10 (BLFTLGTH) BALL OF FOOT LENGTH		-0.145	-0.258	-0.234	-0.227
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE			0.132	0.206	0.247
65 (HEELBRTH) HEEL BREADTH				-0.306	-0.309
14 (BIMBDTH) BIMALLEOLAR BREADTH					-0.268
S.E. OF ESTIMATE	4.869	4.727	4.530	4.384	4.326
ADJUSTED R-SQUARED	0.208	0.254	0.314	0.358	0.375

DEPENDENT VARIABLE: (77) LOWER THIGH CIRCUMFERENCE (LOTHCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-61.428	-47.804	-14.235	-19.133	-20.768
72 (KNEECIRC) KNEE CIRCUMFERENCE	1.173	0.949	1.028	0.987	0.975
104 (THGHCIRC) THIGH CIRCUMFERENCE		0.122	0.110	0.092	0.065
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA			-0.113	-0.112	-0.110
29 (CALFCIRC) CALF CIRCUMFERENCE				0.082	0.084
25 (BUTTOPTH) BUTTOCK DEPTH					0.083
S.E. OF ESTIMATE	7.650	6.847	6.240	6.125	6.066
ADJUSTED R-SQUARED	0.920	0.936	0.947	0.949	0.950

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (78) MENTON-SELLION LENGTH (MENSELL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	7.451	3.245	-4.707	-3.554	-1.295
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.094	0.093	0.090	0.087	0.088
65 (HEELBRTH) HEEL BREADTH		0.093	0.086	0.084	0.082
229 (CHEILT) CHEILION TO TOP OF HEAD			0.006	0.014	0.014
233 (ECTORBT) ECTOORBITALE TO TOP OF HEAD				-0.010	-0.010
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION					-0.010
S.E. OF ESTIMATE	2.412	2.366	2.326	2.311	2.301
ADJUSTED R-SQUARED	0.862	0.867	0.871	0.873	0.874

DEPENDENT VARIABLE: (79) MIDSHOULDER HEIGHT, SITTING (MSHTSIT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	75.943	31.192	2.227	-3.273	-6.178
4 (ACRHTST) ACROMIAL HEIGHT, SITTING	0.927	0.587	0.583	0.618	0.616
32 (CERVSIT) CERVICALE HEIGHT SITTING		0.367	0.371	0.332	0.326
250 (STOMIONX) STOMION TO BACK OF HEAD			0.014	0.013	0.009
93 (SHOULGTH) SHOULDER LENGTH				0.094	0.094
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED					0.051
S.E. OF ESTIMATE	6.622	4.453	4.238	4.145	4.055
ADJUSTED R-SQUARED	0.945	0.975	0.977	0.978	0.979

DEPENDENT VARIABLE: (80) NECK-BUSTPOINT/THELION LENGTH (NKBPLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-11.446	15.197	21.289	28.024	-0.385
101 (STRLGTH) STRAP LENGTH	0.399	0.459	0.424	0.448	0.439
82 (NECKRCRB) NECK CIRCUMFERENCE, BASE		-0.170	-0.206	-0.180	-0.145
37 (CHSTDPTH) CHEST DEPTH			0.139	0.150	0.163
71 (INSCYE2) INTERSCYE 2				-0.091	-0.148
93 (SHOULGTH) SHOULDER LENGTH					0.267
S.E. OF ESTIMATE	8.499	8.122	7.816	7.571	7.113
ADJUSTED R-SQUARED	0.781	0.800	0.814	0.826	0.846

DEPENDENT VARIABLE: (81) NECK CIRCUMFERENCE (NECKCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	20.947	21.069	-5.828	-8.186	-35.831
82 (NECKRCRB) NECK CIRCUMFERENCE, BASE	0.878	0.770	0.715	0.708	0.696
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED		0.131	0.109	0.099	0.095
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC			0.186	0.153	0.135
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD				0.016	0.015
62 (HEADCIRC) HEAD CIRCUMFERENCE					0.070
S.E. OF ESTIMATE	7.962	7.470	7.139	7.072	7.012
ADJUSTED R-SQUARED	0.836	0.856	0.868	0.871	0.873

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (82) NECK CIRCUMFERENCE, BASE (NECKCRCB)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	46.803	23.512	26.639	11.683	-4.620
81 (NECKCIRC) NECK CIRCUMFERENCE	0.953	0.918	0.887	0.880	0.890
11 (BCRMBDTH) BIACROMIAL BREADTH		0.092	0.204	0.179	0.171
93 (SHOULGTH) SHOULDER LENGTH			-0.240	-0.240	-0.243
100 (STATURE) STATURE				0.016	0.167
102 (SUPSTRHT) SUPRASTERNAL HEIGHT					-0.174
S.E. OF ESTIMATE	8.292	8.157	7.938	7.888	7.625
ADJUSTED R-SQUARED	0.836	0.842	0.850	0.852	0.862

DEPENDENT VARIABLE: (83) NECK HEIGHT, LATERAL (NECKHTLT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	27.601	17.552	24.217	8.831	-3.619
31 (CERVHGHT) CERVICAL HEIGHT	0.975	0.674	0.560	0.455	0.400
102 (SUPSTRHT) SUPRASTERNAL HEIGHT		0.325	0.244	0.211	0.174
3 (ACRHGHT) ACROMIAL HEIGHT			0.196	0.321	0.323
93 (SHOULGTH) SHOULDER LENGTH				0.276	0.274
100 (STATURE) STATURE					0.084
S.E. OF ESTIMATE	6.933	5.810	5.225	4.643	4.560
ADJUSTED R-SQUARED	0.987	0.991	0.993	0.994	0.995

DEPENDENT VARIABLE: (84) OVERHEAD FINGERTIP REACH (OVHDFTRH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-9.749	-12.690	-42.240	-37.348	-55.120
85 (OVHFRHE) OVERHEAD FINGERTIP REACH, EXTENDED	0.963	0.838	0.737	0.701	0.665
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION		0.261	0.298	0.277	0.322
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING			0.155	0.151	0.123
98 (SLOUTSM) SLEEVE OUTSEAM				0.181	0.220
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION					0.159
S.E. OF ESTIMATE	15.830	14.916	14.432	14.181	13.888
ADJUSTED R-SQUARED	0.974	0.977	0.978	0.979	0.980

DEPENDENT VARIABLE: (85) OVERHEAD FINGERTIP REACH, EXTENDED (OVHFRHE)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	71.145	46.163	59.736	60.594	72.151
84 (OVHDFTRH) OVERHEAD FINGERTIP REACH	1.011	0.946	0.943	0.830	0.823
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING		0.119	0.139	0.193	0.191
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION			-0.042	-0.053	-0.054
74 (KNEENTSI) KNEE HEIGHT, SITTING				0.326	0.369
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.042
S.E. OF ESTIMATE	16.226	15.958	15.688	15.300	15.192
ADJUSTED R-SQUARED	0.974	0.975	0.975	0.977	0.977

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (86) OVERHEAD FINGERTIP REACH, SITTING (OVHDFRHS)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		187.769	59.317	6.142	-5.772	5.385
85 (OVHFRHE)	OVERHEAD FINGERTIP REACH, EXTENDED	0.535	0.456	0.270	0.424	0.253
32 (CERVSIT)	CERVICAL HEIGHT SITTING		0.461	0.571	0.437	0.390
99 (SPAN)	SPAN			0.227	0.252	0.225
57 (GLUFURHT)	GLUTEAL FURROW HEIGHT				-0.371	-0.426
84 (OVHDFTRH)	OVERHEAD FINGERTIP REACH					0.230
S.E. OF ESTIMATE		24.877	21.978	20.669	19.478	19.196
ADJUSTED R-SQUARED		0.822	0.861	0.877	0.891	0.894

DEPENDENT VARIABLE: (87) POPLITEAL HEIGHT (POPHGHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-14.660	21.190	10.369	8.969	11.585
75 (LATFEMEP)	LATERAL FEMORAL EPICONDYLE HEIGHT	0.895	0.944	0.131	0.221	0.226
77 (LOTHCIRC)	LOWER THIGH CIRCUMFERENCE		-0.154	-0.251	-0.266	-0.225
74 (KNEEHTSI)	KNEE HEIGHT, SITTING			0.817	0.917	0.904
73 (KNEEHTMP)	KNEE HEIGHT, MIDPATELLA				-0.186	-0.175
105 (THGHCLR)	THIGH CLEARANCE					-0.116
S.E. OF ESTIMATE		8.198	7.173	5.443	5.327	5.243
ADJUSTED R-SQUARED		0.892	0.917	0.952	0.954	0.956

DEPENDENT VARIABLE: (88) RADIALE-STYLION LENGTH (RASTL)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-24.176	-14.281	-22.997	-7.698	-5.002
55 (FORHDLG)	FOREARM-HAND LENGTH	0.607	0.853	0.683	0.654	0.648
60 (HANDLGTH)	HAND LENGTH		-0.666	-0.561	-0.518	-0.511
98 (SLOUTSM)	SLEEVE OUTSEAM			0.118	0.137	0.205
117 (WSTFRLNI)	WAIST FRONT LENGTH, NATURAL INDENTATION				-0.061	-0.055
5 (ACRDLGTH)	ACROMION-RADIALE LENGTH					-0.129
S.E. OF ESTIMATE		6.662	5.909	5.611	5.464	5.396
ADJUSTED R-SQUARED		0.819	0.858	0.872	0.878	0.881

DEPENDENT VARIABLE: (89) SCYE CIRCUMFERENCE (SCYECIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		164.330	42.521	20.228	48.802	28.690
8 (AXARCIRC)	AXILLARY ARM CIRCUMFERENCE	0.839	0.784	0.534	0.516	0.395
92 (SHOUELLT)	SHOULDER-ELBOW LENGTH		0.380	0.306	0.350	0.282
35 (CHSTCISC)	CHEST CIRCUMFERENCE AT SCYE			0.130	0.142	0.119
93 (SHOULGTH)	SHOULDER LENGTH				-0.337	-0.331
48 (ELBCIRC)	ELBOW CIRCUMFERENCE					0.392
S.E. OF ESTIMATE		14.714	13.126	12.301	11.773	11.325
ADJUSTED R-SQUARED		0.706	0.766	0.794	0.812	0.826

# STEPWISE MULTIPLE REGRESSIONS -- MALES

## DEPENDENT VARIABLE: (90) SCYE DEPTH (SCYEDPTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		36.725	-5.895	-43.446	-15.890	-25.598
112 (WSTBLOM)	WAIST BACK LENGTH, OMPHALION	0.368	0.330	0.263	0.319	0.212
93 (SHOULGTH)	SHOULDER LENGTH		0.404	0.434	0.421	0.376
89 (SCYECIRC)	SCYE CIRCUMFERENCE			0.147	0.171	0.196
128 (WRISHGHT)	WRIST HEIGHT				-0.075	-0.102
111 (WSTBLNI)	WAIST BACK LENGTH, NATURAL INDENTATION					0.194
S.E. OF ESTIMATE		11.996	11.189	10.609	10.317	9.926
ADJUSTED R-SQUARED		0.403	0.481	0.533	0.559	0.591

## DEPENDENT VARIABLE: (91) SHOULDER CIRCUMFERENCE (SHOUCIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		107.342	128.810	80.535	83.472	82.275
13 (BIDLBDTH)	BIDELTOID BREADTH	2.171	1.397	1.234	1.117	1.068
35 (CHSTCISC)	CHEST CIRCUMFERENCE AT SCYE		0.351	0.392	0.331	0.299
93 (SHOULGTH)	SHOULDER LENGTH			0.577	0.655	0.529
12 (BICIRCFL)	BICEPS CIRCUMFERENCE, FLEXED				0.310	0.324
71 (INSCYE2)	INTERSCYE 2					0.179
S.E. OF ESTIMATE		21.820	18.776	17.819	17.053	16.730
ADJUSTED R-SQUARED		0.869	0.903	0.913	0.920	0.923

## DEPENDENT VARIABLE: (92) SHOULDER-ELBOW LENGTH (SHOUELLT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		21.463	13.062	4.390	7.654	7.111
5 (ACRDLGTH)	ACROMION-RADIALE LENGTH	1.020	0.925	0.864	0.853	0.830
68 (ILCRSIT)	ILIOCRISTALE HEIGHT		0.038	0.036	0.033	0.022
95 (SLLSPEL)	SLEEVE LENGTH: SPINE-ELBOW			0.054	0.079	0.085
54 (FORFORBR)	FOREARM-FOREARM BREADTH				-0.021	-0.022
88 (RASTL)	RADIALE-STYLIOM LENGTH					0.064
S.E. OF ESTIMATE		3.922	3.773	3.664	3.583	3.535
ADJUSTED R-SQUARED		0.952	0.956	0.958	0.960	0.961

## DEPENDENT VARIABLE: (93) SHOULDER LENGTH (SHOULGTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-12.558	19.736	17.127	21.143	24.715
11 (BCRMBDTH)	BIACROMIAL BREADTH	0.411	0.490	0.441	0.440	0.356
82 (NECKCRCB)	NECK CIRCUMFERENCE, BASE		-0.156	-0.189	-0.122	-0.153
90 (SCYEDPTH)	SCYE DEPTH			0.166	0.198	0.210
89 (SCYECIRC)	SCYE CIRCUMFERENCE				-0.084	-0.168
91 (SHOUCIRC)	SHOULDER CIRCUMFERENCE					0.066
S.E. OF ESTIMATE		8.199	7.683	7.361	7.186	6.953
ADJUSTED R-SQUARED		0.447	0.515	0.555	0.575	0.603



STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (94) SITTING HEIGHT (SITHTGHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	108.645	13.488	19.284	20.827	13.545
50	(EYEHTSIT) EYE HEIGHT, SITTING	1.017	0.979	0.809	0.789	0.772
255	(TRAGT) TRAGION TO TOP OF HEAD		0.095	0.086	0.087	0.085
32	(CERVSIT) CERVICAL HEIGHT SITTING			0.209	0.243	0.240
113	(WSTBRTH) WAIST BREADTH				0.032	-0.034
100	(STATURE) STATURE					0.014
S.E. OF ESTIMATE		7.470	5.292	4.804	4.741	4.698
ADJUSTED R-SQUARED		0.956	0.978	0.982	0.982	0.983

DEPENDENT VARIABLE: (95) SLEEVE LENGTH: SPINE-ELBOW (SLLSPEL)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	0.831	24.108	12.463	7.482	6.075
97	(SLLSPWR) SLEEVE LENGTH: SPINE-WRIST	0.666	0.943	0.952	0.960	0.931
55	(FORHDLG) FOREARM-HAND LENGTH		-0.554	-0.742	-0.572	-0.621
130	(WRINFNGL) WRIST-INDEX FINGER LENGTH			0.523	0.385	0.360
88	(RASTL) RADIALE-STYLIUM LENGTH				-0.222	-0.246
99	(SPAN) SPAN					0.034
S.E. OF ESTIMATE		9.542	5.823	5.317	5.153	5.088
ADJUSTED R-SQUARED		0.875	0.954	0.961	0.964	0.965

DEPENDENT VARIABLE: (96) SLEEVE LENGTH: SPINE-SCYE (SLLSPSC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	10.684	44.993	27.817	35.750	39.956
95	(SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW	0.364	0.690	0.588	0.618	0.614
92	(SHOUELLT) SHOULDER-ELBOW LENGTH		-0.615	-0.537	-0.551	-0.442
71	(INSCYE2) INTERSCYE 2			0.119	0.140	0.151
93	(SHOULGTH) SHOULDER LENGTH				-0.192	-0.185
133	(WRWALLEX) WRIST-WALL LENGTH, EXTENDED					-0.063
S.E. OF ESTIMATE		11.015	8.789	8.366	8.163	8.062
ADJUSTED R-SQUARED		0.443	0.646	0.679	0.694	0.702

DEPENDENT VARIABLE: (97) SLEEVE LENGTH: SPINE-WRIST (SLLSPWR)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	109.371	-5.949	2.950	7.431	4.840
95	(SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW	1.314	0.984	0.988	0.982	0.964
55	(FORHDLG) FOREARM-HAND LENGTH		0.641	0.820	0.620	0.588
130	(WRINFNGL) WRIST-INDEX FINGER LENGTH			-0.540	-0.382	-0.371
88	(RASTL) RADIALE-STYLIUM LENGTH				0.248	0.238
27	(BUTTKLTH) BUTTOCK-KNEE LENGTH					0.048
S.E. OF ESTIMATE		13.398	5.948	5.417	5.212	5.147
ADJUSTED R-SQUARED		0.875	0.975	0.980	0.981	0.982

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (98) SLEEVE OUTSEAM (SLOUTSM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	41.728	13.944	-9.854	4.436	3.895
5 (ACRDLGTH) ACROMION-RADIALE LENGTH	1.643	1.131	0.946	0.951	0.906
88 (RASTL) RADIALE-STYLION LENGTH		0.749	0.549	0.549	0.506
99 (SPAN) SPAN			0.077	0.085	0.079
48 (ELBCIRC) ELBOW CIRCUMFERENCE				-0.112	-0.125
132 (WRWALLLN) WRIST-WALL LENGTH					0.064
S.E. OF ESTIMATE	12.152	9.338	9.050	8.920	8.864
ADJUSTED R-SQUARED	0.843	0.907	0.913	0.916	0.917

DEPENDENT VARIABLE: (99) SPAN (SPAN)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	250.471	124.983	-39.176	-20.843	-62.041
55 (FORHDLG) FOREARM-HAND LENGTH	3.249	2.188	1.991	1.970	1.848
5 (ACRDLGTH) ACROMION-RADIALE LENGTH		1.875	1.754	1.838	1.542
11 (BCRMBDTH) BIACROMIAL BREADTH			0.757	0.833	0.717
37 (CHSTDPTH) CHEST DEPTH				-0.275	-0.294
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING					0.176
S.E. OF ESTIMATE	31.259	23.549	20.241	19.472	18.675
ADJUSTED R-SQUARED	0.855	0.917	0.939	0.944	0.948

DEPENDENT VARIABLE: (100) STATURE (STATURE)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	142.930	61.167	12.689	13.093	14.595
83 (NECKHTLT) NECK HEIGHT, LATERAL	1.068	0.969	0.989	0.251	0.125
94 (SITTHGHT) SITTING HEIGHT		0.253	0.723	0.839	0.799
32 (CERVSIT) CERVICALE HEIGHT SITTING			-0.607	-0.790	-0.731
31 (CERVHGHT) CERVICALE HEIGHT				0.745	0.708
102 (SUPSTRHT) SUPRASTERNALE HEIGHT					0.167
S.E. OF ESTIMATE	11.407	9.288	7.168	5.231	5.003
ADJUSTED R-SQUARED	0.971	0.981	0.988	0.994	0.994

DEPENDENT VARIABLE: (101) STRAP LENGTH (STRLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	178.190	18.469	-3.371	31.095	-5.648
80 (NKBPLGTH) NECK-BUSTPOINT/THELION LENGTH	1.955	1.586	1.507	1.552	1.484
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE		0.637	0.495	0.438	0.452
71 (INSCYE2) INTERSCYE 2			0.249	0.318	0.311
93 (SHOULGTH) SHOULDER LENGTH				-0.340	-0.371
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION					0.165
S.E. OF ESTIMATE	18.802	15.091	14.005	13.627	13.217
ADJUSTED R-SQUARED	0.781	0.859	0.878	0.885	0.892

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (102) SUPRASTERNAL HEIGHT (SUPSTRHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	5.314	19.166	-2.832	22.709	-4.585
83 (NECKHTLT) NECK HEIGHT, LATERAL	0.949	0.684	0.496	0.435	0.264
38 (CHSTHGHT) CHEST HEIGHT		0.303	0.479	0.546	0.522
101 (STRLGTH) STRAP LENGTH			0.116	0.202	0.191
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE				-0.201	-0.186
100 (STATURE) STATURE					0.182
S.E. OF ESTIMATE	9.749	8.576	7.987	7.460	7.173
ADJUSTED R-SQUARED	0.973	0.979	0.982	0.984	0.985

DEPENDENT VARIABLE: (103) TENTH RIB HEIGHT (TENRIBHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	46.178	38.535	-8.715	-5.878	-7.548
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION	0.954	0.627	0.467	0.413	0.370
120 (WSTHOM) WAIST HEIGHT, OMPHALION		0.355	0.268	0.315	0.376
102 (SUPSTRHT) SUPRASTERNAL HEIGHT			0.222	0.238	0.221
123 (WSHIPLTH) WAIST-HIP LENGTH				-0.083	-0.094
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING					0.057
S.E. OF ESTIMATE	13.034	11.505	10.827	10.746	10.672
ADJUSTED R-SQUARED	0.936	0.950	0.956	0.956	0.957

DEPENDENT VARIABLE: (104) THIGH CIRCUMFERENCE (THGHCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-131.097	-138.011	-52.652	-56.750	-58.834
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	0.740	0.546	0.606	0.507	0.463
105 (THGHCLR) THIGH CLEARANCE		1.174	1.078	0.979	0.885
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING			-0.204	-0.209	-0.194
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE				0.309	0.286
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE					0.182
S.E. OF ESTIMATE	17.706	15.526	14.702	14.106	13.846
ADJUSTED R-SQUARED	0.871	0.901	0.911	0.918	0.921

DEPENDENT VARIABLE: (105) THIGH CLEARANCE (THGHCLR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	37.119	11.592	23.607	15.663	44.630
104 (THGHCIRC) THIGH CIRCUMFERENCE	0.220	0.190	0.239	0.181	0.173
81 (NECKCIRC) NECK CIRCUMFERENCE		0.114	0.112	0.074	0.037
67 (HIPBSIT) HIP BREADTH, SITTING			-0.110	-0.245	-0.262
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE				0.108	0.082
125 (WEIGHT) WEIGHT					0.028
S.E. OF ESTIMATE	6.378	6.149	5.987	5.768	5.694
ADJUSTED R-SQUARED	0.742	0.761	0.773	0.789	0.795

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (106) THUMB BREADTH (THUMBBR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	6.621	5.016	6.267	5.697	4.528
59 (HANDCIRC) HAND CIRCUMFERENCE	0.082	0.047	0.051	0.046	0.046
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.052	0.057	0.054	0.050
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH			-0.005	-0.007	-0.007
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH				0.029	0.029
45 (EARLGTH) EAR LENGTH					0.028
S.E. OF ESTIMATE	1.108	1.075	1.069	1.058	1.052
ADJUSTED R-SQUARED	0.339	0.378	0.385	0.397	0.404

DEPENDENT VARIABLE: (107) THUMB TIP REACH (THMBTPR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	46.519	4.612	-1.241	-1.818	3.592
132 (WRWALLLN) WRIST-WALL LENGTH	1.108	1.000	0.967	0.967	0.968
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		0.926	0.845	0.764	0.762
99 (SPAN) SPAN			0.021	0.017	0.017
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH				0.098	0.103
249 (SELLIONZ) SELLION TO TOP OF HEAD					-0.006
S.E. OF ESTIMATE	6.946	4.836	4.773	4.760	4.745
ADJUSTED R-SQUARED	0.969	0.985	0.985	0.985	0.985

DEPENDENT VARIABLE: (108) TROCHANTERION HEIGHT (TROCHHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	64.647	-5.675	13.852	16.288	28.146
26 (BUTTHGHT) BUTTOCK HEIGHT	0.973	0.555	0.404	0.365	0.363
68 (ILCRSIT) ILIOCRISTALE HEIGHT		0.411	0.308	0.252	0.284
57 (GLUFURHT) GLUTEAL FURROW HEIGHT			0.277	0.230	0.190
73 (KNEENTMP) KNEE HEIGHT, MIDPATELLA				0.258	0.287
113 (WSTBRTH) WAIST BREADTH					-0.086
S.E. OF ESTIMATE	13.305	10.889	10.402	10.134	9.866
ADJUSTED R-SQUARED	0.922	0.948	0.952	0.955	0.957

DEPENDENT VARIABLE: (109) VERTICAL TRUNK CIRCUMFERENCE (ASSC) (VTCASCC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-7.499	19.151	2.311	-0.819	-3.150
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)	0.978	0.887	0.797	0.758	0.729
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION		0.160	0.248	0.288	0.279
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION			0.233	0.193	0.212
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION				0.154	0.159
34 (CHSTCIRC) CHEST CIRCUMFERENCE					0.046
S.E. OF ESTIMATE	12.231	11.036	10.516	10.312	10.098
ADJUSTED R-SQUARED	0.975	0.980	0.982	0.982	0.983

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (110) VERTICAL TRUNK CIRCUMFERENCE (USA) (VTCUSA)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	48.218	31.083	2.927	-9.482	-18.418
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)	0.996	1.052	1.019	0.942	0.902
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION		-0.092	-0.075	-0.031	-0.066
83 (NECKHTLT) NECK HEIGHT, LATERAL			0.044	0.224	0.256
57 (GLUFURHT) GLUTEAL FURROW HEIGHT				-0.208	-0.243
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE					0.080
S.E. OF ESTIMATE	12.343	12.018	11.848	11.375	11.063
ADJUSTED R-SQUARED	0.975	0.976	0.977	0.979	0.980

DEPENDENT VARIABLE: (111) WAIST BACK LENGTH, NATURAL INDENTATION (WSTBLNI)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	2.189	22.252	19.774	9.556	13.016
32 (CERVSIT) CERVICALE HEIGHT SITTING	0.606	0.970	0.800	0.231	0.242
121 (WSTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION		-0.927	-0.917	-0.236	-0.200
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION			0.239	0.760	0.756
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION				-0.713	-0.687
42 (CRLPNI) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION					-0.055
S.E. OF ESTIMATE	14.045	9.201	8.317	5.522	5.405
ADJUSTED R-SQUARED	0.634	0.843	0.872	0.943	0.946

DEPENDENT VARIABLE: (112) WAIST BACK LENGTH, OMPHALION (WSTBLOM)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	9.441	1.766	-4.472	-3.447	-7.198
32 (CERVSIT) CERVICALE HEIGHT SITTING	0.694	0.645	0.073	0.129	0.098
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION		0.580	0.902	0.822	0.769
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION			0.900	0.865	0.886
123 (WSHIPLTH) WAIST-HIP LENGTH				-0.107	-0.125
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION					0.030
S.E. OF ESTIMATE	16.469	12.630	5.862	5.658	5.565
ADJUSTED R-SQUARED	0.623	0.778	0.952	0.955	0.957

DEPENDENT VARIABLE: (113) WAIST BREADTH (WSTBRTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	34.495	28.944	-1.383	-10.953	-0.084
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALION	0.319	0.444	0.397	0.364	0.354
116 (WSTDEPTH) WAIST DEPTH		-0.454	-0.399	-0.376	-0.345
66 (HIPBRTH) HIP BREADTH			0.172	0.156	0.158
33 (CHSTBDTH) CHEST BREADTH				0.117	0.119
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.029
S.E. OF ESTIMATE	8.047	6.905	6.599	6.397	6.261
ADJUSTED R-SQUARED	0.921	0.942	0.947	0.950	0.952

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (114) WAIST CIRCUMFERENCE, NATURAL INDENTATION (WSCIRCNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	131.828	6.059	10.467	-41.547	8.535
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALION	0.821	0.594	0.399	0.399	0.422
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST		0.347	0.358	0.311	0.325
116 (WSTDEPTH) WAIST DEPTH			0.678	0.651	0.525
81 (NECKCIRC) NECK CIRCUMFERENCE				0.268	0.320
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					-0.313
S.E. OF ESTIMATE	21.160	17.785	16.685	16.250	15.618
ADJUSTED R-SQUARED	0.918	0.942	0.949	0.952	0.955

DEPENDENT VARIABLE: (115) WAIST CIRCUMFERENCE, OMPHALION (WSCIRCOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-31.904	-21.871	-52.421	-65.037	-45.736
113 (WSTBRTH) WAIST BREADTH	2.892	1.795	1.503	1.483	1.528
116 (WSTDEPTH) WAIST DEPTH		1.456	1.075	1.027	0.953
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION			0.246	0.224	0.302
25 (BUTTOPTH) BUTTOCK DEPTH				0.194	0.224
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST					-0.097
S.E. OF ESTIMATE	24.242	13.881	12.756	12.559	12.303
ADJUSTED R-SQUARED	0.921	0.974	0.978	0.979	0.980

DEPENDENT VARIABLE: (116) WAIST DEPTH (WSTDEPTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	21.730	-4.107	5.178	0.490	14.063
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING	0.855	0.502	0.411	0.394	0.393
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALION		0.128	0.254	0.232	0.228
113 (WSTBRTH) WAIST BREADTH			-0.312	-0.312	-0.307
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION				0.034	0.038
61 (HEADBRTH) HEAD BREADTH					-0.105
S.E. OF ESTIMATE	8.282	6.806	6.423	6.388	6.368
ADJUSTED R-SQUARED	0.895	0.929	0.937	0.938	0.938

DEPENDENT VARIABLE: (117) WAIST FRONT LENGTH, NATURAL INDENTATION (WSTFRLNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-44.727	-45.164	-41.407	-4.128	-6.715
94 (SITINGHT) SITTING HEIGHT	0.427	0.649	0.477	0.092	0.079
121 (WSHTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION		-0.703	-0.802	-0.148	-0.244
118 (WSTFRLM) WAIST FRONT LENGTH, OMPHALION			0.439	0.880	0.887
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION				-0.807	-0.735
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.142
S.E. OF ESTIMATE	15.674	13.114	10.499	6.073	5.942
ADJUSTED R-SQUARED	0.484	0.639	0.769	0.923	0.926

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (118) WAIST FRONT LENGTH, OMPHALION (WSTFRLOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	78.917	-3.351	6.415	10.035	0.979
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION	0.701	0.525	0.081	0.399	0.361
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION		0.482	0.897	0.929	0.917
124 (WSNIWSOM) WAIST, NATURAL INDENTATION - - WAIST OMPHALION			0.855	0.557	0.537
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION				-0.355	-0.326
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION					0.027
S.E. OF ESTIMATE	15.678	12.553	6.101	5.754	5.648
ADJUSTED R-SQUARED	0.590	0.737	0.938	0.945	0.947

DEPENDENT VARIABLE: (119) WAIST HEIGHT, NATURAL INDENTATION (WSTHNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	27.307	25.613	15.143	9.291	0.431
103 (TENRIBHT) TENTH RIB HEIGHT	0.981	0.569	0.428	0.153	0.128
68 (ILCRSIT) ILIOCRISTALE HEIGHT		0.431	0.559	0.160	0.188
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION			0.470	0.766	0.704
120 (WSTHOM) WAIST HEIGHT, OMPHALION				0.681	0.667
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION					0.035
S.E. OF ESTIMATE	13.218	11.400	7.751	5.186	5.004
ADJUSTED R-SQUARED	0.936	0.952	0.978	0.990	0.991

DEPENDENT VARIABLE: (120) WAIST HEIGHT, OMPHALION (WSTHOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	25.740	43.881	-1.572	4.974	-8.909
68 (ILCRSIT) ILIOCRISTALE HEIGHT	0.962	0.968	0.133	0.088	0.102
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION		-0.349	-0.835	-0.818	-0.742
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION			0.865	0.844	0.773
39 (CRCHHGT) CROTCH HEIGHT				0.078	0.127
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.137
S.E. OF ESTIMATE	12.222	10.405	5.697	5.572	5.323
ADJUSTED R-SQUARED	0.942	0.958	0.987	0.988	0.989

DEPENDENT VARIABLE: (121) WAIST HEIGHT, SITTING, NATURAL INDENTATION (WSHTSTNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	21.636	22.984	28.850	19.720	14.759
32 (CERVSIT) CERVICALE HEIGHT SITTING	0.393	0.766	0.804	0.690	0.638
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION		-0.616	-0.515	-0.432	-0.412
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION			-0.212	-0.186	-0.189
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION				0.056	0.060
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.128
S.E. OF ESTIMATE	11.445	7.498	6.784	6.390	6.201
ADJUSTED R-SQUARED	0.523	0.795	0.832	0.851	0.860

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (122) WAIST HEIGHT, SITTING, OMPHALION (WSHTSTOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	21.869	32.800	8.730	11.290	10.101
50 (EYHTSIT) EYE HEIGHT, SITTING	0.269	0.406	0.339	0.264	0.213
118 (WSTFLOM) WAIST FRONT LENGTH, OMPHALION		-0.289	-0.301	-0.164	-0.169
41 (CRHLOM) CROTCH LENGTH, OMPHALION			0.129	0.189	0.175
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING				-0.164	-0.182
121 (WSHTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION					0.201
S.E. OF ESTIMATE	12.176	10.972	9.784	9.336	9.053
ADJUSTED R-SQUARED	0.363	0.482	0.588	0.625	0.648

DEPENDENT VARIABLE: (123) WAIST-HIP LENGTH (WSHPLTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	215.626	12.727	-22.330	4.177	-9.337
124 (WSNIWSOM) WAIST, NATURAL INDENTATION - WAIST OMPHALION	-0.557	-0.911	-0.946	-0.952	-0.959
121 (WSHTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION		0.792	0.688	0.709	0.030
66 (HIPBRTH) HIP BREADTH			0.197	0.220	0.058
26 (BUTTHGHT) BUTTOCK HEIGHT				-0.045	-0.912
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION					0.917
S.E. OF ESTIMATE	17.684	13.525	13.097	12.945	6.160
ADJUSTED R-SQUARED	0.251	0.562	0.589	0.599	0.909

DEPENDENT VARIABLE: (124) WAIST, NATURAL INDENTATION -- WAIST OMPHALION (WSNIWSOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-84.849	2.631	7.296	6.842	7.005
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION	0.202	0.505	0.496	0.271	0.254
41 (CRHLOM) CROTCH LENGTH, OMPHALION		-0.500	-0.461	-0.259	-0.261
43 (CRLPOM) CROTCH LENGTH, POSTERIOR OMPHALION			-0.071	-0.453	-0.453
42 (CRLPNI) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION				0.422	0.422
113 (WSTBRTH) WAIST BREADTH					0.046
S.E. OF ESTIMATE	14.616	5.542	5.419	4.796	4.725
ADJUSTED R-SQUARED	0.370	0.909	0.913	0.932	0.934

DEPENDENT VARIABLE: (125) WEIGHT (WEIGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-858.495	-999.438	-1370.951	-1394.796	-1428.198
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	1.671	1.249	1.176	0.954	0.772
89 (SCYECIRC) SCYE CIRCUMFERENCE		1.246	1.090	0.592	0.514
100 (STATURE) STATURE			0.292	0.321	0.318
34 (CHSTCIRC) CHEST CIRCUMFERENCE				0.418	0.399
29 (CALFCIRC) CALF CIRCUMFERENCE					0.718
S.E. OF ESTIMATE	39.307	33.002	27.867	23.848	20.907
ADJUSTED R-SQUARED	0.875	0.912	0.937	0.954	0.965



## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (126) WRIST- CENTER OF GRIP LENGTH (WRCTRGL)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	17.705	10.840	15.729	17.883	16.167
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH	0.418	0.378	0.400	0.414	0.407
48 (ELBCIRC) ELBOW CIRCUMFERENCE		0.043	0.058	0.070	0.064
95 (SLLSPCL) SLEEVE LENGTH: SPINE-ELBOW			-0.020	-0.019	-0.018
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE				-0.032	-0.039
106 (THUMBBR) THUMB BREADTH					0.228
S.E. OF ESTIMATE	3.978	3.934	3.910	3.900	3.893
ADJUSTED R-SQUARED	0.334	0.348	0.356	0.359	0.362

DEPENDENT VARIABLE: (127) WRIST CIRCUMFERENCE (WRISCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	56.742	20.809	11.302	-4.314	-7.095
48 (ELBCIRC) ELBOW CIRCUMFERENCE	0.424	0.251	0.222	0.215	0.208
59 (HANDCIRC) HAND CIRCUMFERENCE		0.392	0.309	0.297	0.264
14 (BIMBOTH) BIMALLEOLAR BREADTH			0.484	0.412	0.382
94 (SITTHGHT) SITTING HEIGHT				0.028	0.028
106 (THUMBBR) THUMB BREADTH					0.586
S.E. OF ESTIMATE	5.185	4.414	4.153	4.057	4.009
ADJUSTED R-SQUARED	0.611	0.718	0.750	0.762	0.767

DEPENDENT VARIABLE: (128) WRIST HEIGHT (WRISHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-12.407	12.140	-64.821	-102.828	-89.618
3 (ACRHGHT) ACROMIAL HEIGHT	0.595	0.909	0.845	0.730	0.736
98 (SLOUTSM) SLEEVE OUTSEAM		-0.793	-0.614	-0.580	-0.522
129 (WRISHTST) WRIST HEIGHT, SITTING			0.135	0.224	0.203
26 (BUTTHGHT) BUTTOCK HEIGHT				0.160	0.178
88 (RASTL) RADIALE-STYLION LENGTH					-0.234
S.E. OF ESTIMATE	18.892	11.957	11.462	11.169	11.043
ADJUSTED R-SQUARED	0.793	0.917	0.924	0.928	0.929

DEPENDENT VARIABLE: (129) WRIST HEIGHT, SITTING (WRISHTST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	211.136	482.681	416.972	394.863	392.122
49 (ELRHGHT) ELBOW REST HEIGHT	1.078	0.986	0.714	0.645	0.620
99 (SPAN) SPAN		-0.137	-0.205	-0.230	-0.170
94 (SITTHGHT) SITTING HEIGHT			0.276	0.297	0.312
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE				0.063	0.075
132 (WRWALLLN) WRIST-WALL LENGTH					-0.187
S.E. OF ESTIMATE	19.466	16.090	15.158	14.714	14.350
ADJUSTED R-SQUARED	0.694	0.791	0.814	0.825	0.834

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (130) WRIST-INDEX FINGER LENGTH (WRINFNGL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	10.051	6.067	6.473	3.989	1.927
60 (HANDLGTH) HAND LENGTH	0.881	0.694	0.716	0.652	0.651
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		0.323	0.317	0.301	0.295
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.010	-0.011	-0.009
55 (FORHDLG) FOREARM-HAND LENGTH				0.035	0.036
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD					0.012
S.E. OF ESTIMATE	2.802	2.543	2.505	2.476	2.459
ADJUSTED R-SQUARED	0.904	0.921	0.924	0.925	0.926

DEPENDENT VARIABLE: (131) WRIST-THUMB TIP LENGTH (WRTHLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	7.597	2.807	-2.289	-2.227	-0.687
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH	0.646	0.578	0.479	0.475	0.476
126 (WRCTRGR) WRIST- CENTER OF GRIP LENGTH		0.244	0.237	0.234	0.242
52 (FOOTLGTH) FOOT LENGTH			0.088	0.144	0.148
10 (BLFTLGTH) BALL OF FOOT LENGTH				-0.074	-0.071
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED					-0.011
S.E. OF ESTIMATE	3.323	3.163	3.090	3.076	3.064
ADJUSTED R-SQUARED	0.757	0.779	0.789	0.791	0.793

DEPENDENT VARIABLE: (132) WRIST-WALL LENGTH (WRWALLN)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-19.271	4.156	-0.664	-6.166	-5.096
107 (THMBTPR) THUMB TIP REACH	0.874	0.971	0.909	0.909	0.913
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		-0.808	-0.777	-0.780	-0.702
133 (WRWALLEX) WRIST-WALL LENGTH, EXTENDED			0.067	0.066	0.067
249 (SELLIONZ) SELLION TO TOP OF HEAD				0.006	0.006
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH					-0.084
S.E. OF ESTIMATE	6.171	4.764	4.647	4.631	4.619
ADJUSTED R-SQUARED	0.969	0.981	0.982	0.982	0.982

DEPENDENT VARIABLE: (133) WRIST-WALL LENGTH, EXTENDED (WRWALLEX)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	84.281	26.362	34.355	26.515	26.360
132 (WRWALLN) WRIST-WALL LENGTH	0.975	0.715	0.687	0.664	0.664
99 (SPAN) SPAN		0.129	0.101	0.101	0.099
88 (RASTL) RADIALE-STYLION LENGTH			0.228	0.254	0.258
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION				0.019	0.069
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING					-0.167
S.E. OF ESTIMATE	15.485	14.495	14.400	14.319	14.180
ADJUSTED R-SQUARED	0.828	0.849	0.851	0.853	0.856

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (212) BIGONIAL BREADTH HEADBOARD (BIGBRH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		86.418	95.897	-43.282	127.338	-9.946
216 (BIZYBRH)	BIZYGOMATIC BREADTH HEADBOARD	0.769	0.588	0.514	0.546	0.542
116 (WSTDEPTH)	WAIST DEPTH		1.104	0.853	0.837	0.766
20 (BITSMARC)	BITRAGION SUBMANDIBULAR ARC			0.998	1.301	1.882
239 (GONIONT)	GONION TO TOP OF HEAD				-0.155	-0.423
233 (ECTORBT)	ECTOORBITALE TO TOP OF HEAD					0.434
S.E. OF ESTIMATE		61.602	55.964	54.891	53.883	51.302
ADJUSTED R-SQUARED		0.387	0.494	0.514	0.531	0.575

DEPENDENT VARIABLE: (213) BIINFRAORBITAL BREADTH HEADBOARD (BIINORBH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		36.917	-89.261	-71.017	-4.733	-25.233
69 (INPUPBTH)	INTERPUPILLARY BREADTH	10.014	7.299	6.447	6.396	6.323
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD		0.266	0.247	0.260	0.248
223 (NOSEBRTH)	NOSE BREADTH HEADBOARD			0.161	0.146	0.150
253 (SUBNASZ)	SUBNASALE TO TOP OF HEAD				-0.045	-0.149
241 (INFORBT)	INFRAORBITALE TO TOP OF HEAD					0.159
S.E. OF ESTIMATE		34.244	32.955	32.366	32.201	31.921
ADJUSTED R-SQUARED		0.540	0.574	0.589	0.594	0.601

DEPENDENT VARIABLE: (214) BIOCULAR BREADTH MAXIMUM HEADBOARD (BIOCBRMH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		204.040	20.367	29.114	16.020	98.461
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD	0.895	0.700	0.616	0.604	0.613
22 (BIZBDTH)	BIZYGOMATIC BREADTH		2.875	2.855	2.760	2.814
213 (BIINORBH)	BIINFRAORBITAL BREADTH HEADBOARD			0.130	0.110	0.105
217 (LIPLGTHH)	LIP LENGTH HEADBOARD				0.098	0.112
232 (ECTORBB)	ECTOORBITALE TO BACK OF HEAD					-0.066
S.E. OF ESTIMATE		28.548	25.648	25.178	24.907	24.589
ADJUSTED R-SQUARED		0.725	0.778	0.786	0.791	0.796

DEPENDENT VARIABLE: (215) BITRAGION BREADTH HEADBOARD (BTRBDTHH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		377.388	179.588	100.649	188.134	142.751
216 (BIZYBRH)	BIZYGOMATIC BREADTH HEADBOARD	0.747	0.624	0.608	0.616	0.596
61 (HEADBRTH)	HEAD BREADTH		2.468	2.428	3.194	3.417
44 (EARBDTH)	EAR BREADTH			2.850	2.831	2.550
17 (BITCOARC)	BITRAGION CORONAL ARC				-0.607	-0.995
239 (GONIONT)	GONION TO TOP OF HEAD					0.095
S.E. OF ESTIMATE		35.910	34.264	33.409	32.786	32.367
ADJUSTED R-SQUARED		0.637	0.670	0.686	0.698	0.705

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (216) BIZYGOMATIC BREADTH HEADBOARD (BIZYBRH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-6.228	-110.603	-115.505	-169.916	-124.817
22 (BIZBDTH) BIZYGOMATIC BREADTH	10.249	7.800	7.157	6.258	6.646
215 (BTRBDTHH) BITRAGION BREADTH HEADBOARD		0.310	0.264	0.247	0.268
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD			0.135	0.122	0.122
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD				0.195	0.189
61 (HEADBRTH) HEAD BREADTH					-0.813
S.E. OF ESTIMATE	27.754	24.853	23.223	21.876	21.650
ADJUSTED R-SQUARED	0.810	0.848	0.867	0.882	0.885

DEPENDENT VARIABLE: (217) LIP LENGTH HEADBOARD (LIPLGTHH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	366.153	31.028	99.379	98.089	73.883
223 (NOSEBRTH) NOSE BREADTH HEADBOARD	0.534	0.390	0.381	0.365	0.356
21 (BITSWARC) BITRAGION SUBNASAL ARC		1.327	1.419	1.479	0.908
229 (CHEILT) CHEILION TO TOP OF HEAD			-0.049	-0.277	-0.332
251 (STOMIONZ) STOMION TO TOP OF HEAD				0.224	0.277
16 (BITCHARC) BITRAGION CHIN ARC					0.612
S.E. OF ESTIMATE	35.091	32.508	32.325	32.002	31.670
ADJUSTED R-SQUARED	0.329	0.424	0.431	0.442	0.453

DEPENDENT VARIABLE: (218) MAXIMUM FRONTAL BREADTH HEADBOARD (MAXFRONH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	145.797	48.244	42.480	-0.973	11.342
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD	0.811	0.564	0.457	0.452	0.433
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD		0.379	0.337	0.337	0.336
69 (INPUBTH) INTERPUPILLARY BREADTH			2.788	2.519	1.848
88 (RASTL) RADIALE-STYLION LENGTH				0.245	0.222
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					0.090
S.E. OF ESTIMATE	27.170	23.164	22.014	21.714	21.515
ADJUSTED R-SQUARED	0.725	0.800	0.818	0.822	0.826

DEPENDENT VARIABLE: (219) MENTON-CRINION LENGTH HEADBOARD (MENCRIHH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	2178.239	-0.900	8.368	-3.024	3.096
231 (CRINIONZ) CRINION TO TOP OF HEAD	-0.649	-1.001	-0.996	-0.980	-0.982
243 (MENTONZ) MENTON TO TOP OF HEAD		1.003	1.005	1.000	0.996
230 (CRINIONX) CRINION TO BACK OF HEAD			-0.009	-0.031	-0.030
63 (HEADLGTH) HEAD LENGTH				0.292	0.375
242 (MENTONX) MENTON TO BACK OF HEAD					-0.008
S.E. OF ESTIMATE	81.073	6.114	6.082	5.993	5.960
ADJUSTED R-SQUARED	0.407	0.997	0.997	0.997	0.997

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (220) MENTON-SELLION LENGTH HEADBOARD (MENSELLH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	99.472	113.400	14.126	1.807	-45.983
78 (MENSELL) MENTON-SELLION LENGTH	9.121	7.474	2.408	2.082	1.811
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		0.254	0.710	0.748	0.735
225 (SBNSSELH) SUBNASALE-SELLION HEADBOARD			0.756	0.741	0.742
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD				0.165	0.155
243 (MENTONZ) MENTON TO TOP OF HEAD					0.040
S.E. OF ESTIMATE	23.695	21.778	12.187	11.655	11.367
ADJUSTED R-SQUARED	0.862	0.883	0.963	0.967	0.968

DEPENDENT VARIABLE: (221) MENTON-SUBNASALE LENGTH HEADBOARD (MENSUBNH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-109.190	7.073	24.189	-67.363	-63.782
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.697	1.010	1.005	0.986	0.941
225 (SBNSSELH) SUBNASALE-SELLION HEADBOARD		-0.980	-0.910	-0.901	-0.945
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD			-0.249	-0.231	-0.153
252 (SUBNASX) SUBNASALE TO BACK OF HEAD				0.052	0.223
242 (MENTONX) MENTON TO BACK OF HEAD					-0.159
S.E. OF ESTIMATE	33.892	14.482	13.357	12.690	8.674
ADJUSTED R-SQUARED	0.632	0.933	0.943	0.948	0.976

DEPENDENT VARIABLE: (222) MINIMUM FRONTAL BREADTH HEADBOARD (MINFRONH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	165.697	-66.177	-103.516	-0.874	-35.357
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD	0.781	0.693	0.731	0.798	0.803
18 (BITCRARC) BITRAGION CRINION ARC		1.017	0.706	1.022	0.957
235 (FRTEM) FRONTOTEMPORE TO TOP OF HEAD			0.106	0.375	0.441
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD				-0.401	-0.294
237 (GLABZ) GLABELLA TO TOP OF HEAD					-0.157
S.E. OF ESTIMATE	32.011	30.146	29.436	27.323	26.813
ADJUSTED R-SQUARED	0.615	0.657	0.673	0.718	0.729

DEPENDENT VARIABLE: (223) NOSE BREADTH HEADBOARD (NOSEBRTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	19.018	-162.852	-218.561	81.991	50.916
217 (LIPLGTHH) LIP LENGTH HEADBOARD	0.617	0.454	0.391	0.377	0.363
69 (INPUPBTH) INTERPUPILLARY BREADTH		4.227	3.201	2.827	2.419
65 (HEELBRTH) HEEL BREADTH			2.244	2.491	1.886
94 (SITTHGHT) SITTING HEIGHT				-0.313	-0.386
55 (FORHDLG) FOREARM-HAND LENGTH					0.361
S.E. OF ESTIMATE	37.730	34.997	33.423	31.554	30.839
ADJUSTED R-SQUARED	0.329	0.420	0.471	0.529	0.550

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (224) NOSE PROTRUSION HEADBOARD (NOSEPRH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	54.437	-34.324	9.764	10.532	-73.624
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD	0.264	0.237	0.234	-0.267	-0.328
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION		0.215	0.216	0.158	0.117
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD			-0.059	-0.544	-0.607
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD				0.525	0.571
246 (PRONASX) PRONASALE TO BACK OF HEAD					0.057
S.E. OF ESTIMATE	22.512	21.793	21.550	20.344	19.906
ADJUSTED R-SQUARED	0.160	0.213	0.231	0.314	0.343

DEPENDENT VARIABLE: (225) SUBNASALE-SELLION HEADBOARD (SBNSELH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	118.611	27.544	-48.828	6.567	74.107
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.319	0.900	0.905	0.992	1.023
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		-0.834	-0.858	-0.942	-0.937
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.043	0.202	0.250
248 (SELLIONX) SELLION TO BACK OF HEAD				-0.213	-0.229
16 (BITCHARC) BITRAGION CHIN ARC					-0.542
S.E. OF ESTIMATE	31.263	13.359	12.919	10.539	8.696
ADJUSTED R-SQUARED	0.297	0.872	0.880	0.920	0.946

DEPENDENT VARIABLE: (226) ALARE TO BACK OF HEAD (ALAREB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	122.165	11.939	49.472	3.539	3.408
252 (SUBNASX) SUBNASALE TO BACK OF HEAD	0.922	0.624	0.496	0.295	0.266
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD		0.396	0.343	0.275	0.261
250 (STOMIONX) STOMION TO BACK OF HEAD			0.160	0.206	0.116
246 (PRONASX) PRONASALE TO BACK OF HEAD				0.221	0.244
228 (CHEILB) CHEILION TO BACK OF HEAD					0.116
S.E. OF ESTIMATE	21.651	17.677	16.432	15.596	15.346
ADJUSTED R-SQUARED	0.925	0.950	0.957	0.961	0.962

DEPENDENT VARIABLE: (227) ALARE TO TOP OF HEAD (ALARET)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	56.310	-67.158	-23.208	1.369	-20.918
253 (SUBNAS2) SUBNASALE TO TOP OF HEAD	0.925	0.699	0.376	0.322	0.312
229 (CHEILT) CHEILION TO TOP OF HEAD		0.260	0.277	0.273	0.228
247 (PRONAS2) PRONASALE TO TOP OF HEAD			0.295	0.274	0.279
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD				0.112	0.075
255 (TRAGT) TRAGION TO TOP OF HEAD					0.114
S.E. OF ESTIMATE	19.802	17.808	16.315	15.574	15.324
ADJUSTED R-SQUARED	0.928	0.942	0.951	0.956	0.957

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (228) CHEILION TO BACK OF HEAD (CHEILB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		32.396	82.484	78.673	161.838	130.854
250 (STOMIONX)	STOMION TO BACK OF HEAD	0.913	0.976	0.880	0.845	0.798
217 (LIPLGTHH)	LIP LENGTH HEADBOARD		-0.311	-0.300	-0.306	-0.285
244 (PMENTONX)	PROMENTON TO BACK OF HEAD			0.097	0.122	0.119
129 (WRISHTST)	WRIST HEIGHT, SITTING				-0.128	-0.139
256 (ZYGB)	ZYGION TO BACK OF HEAD					0.092
S.E. OF ESTIMATE		24.903	21.881	21.456	21.043	20.706
ADJUSTED R-SQUARED		0.926	0.943	0.945	0.947	0.949

DEPENDENT VARIABLE: (229) CHEILION TO TOP OF HEAD (CHEILT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		161.615	114.082	50.047	-8.468	2.894
251 (STOMIONZ)	STOMION TO TOP OF HEAD	0.922	0.776	0.625	0.652	0.676
255 (TRAGT)	TRAGION TO TOP OF HEAD		0.244	0.231	0.248	0.237
243 (MENTONZ)	MENTON TO TOP OF HEAD			0.156	0.113	0.094
16 (BITCHARC)	BITRAGION CHIN ARC				0.262	0.435
217 (LIPLGTHH)	LIP LENGTH HEADBOARD					-0.095
S.E. OF ESTIMATE		19.922	18.283	17.226	16.969	16.620
ADJUSTED R-SQUARED		0.929	0.940	0.947	0.948	0.950

DEPENDENT VARIABLE: (230) CRINION TO BACK OF HEAD (CRINIONX)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		1558.391	-158.985	-86.969	-265.387	-236.458
231 (CRINIONZ)	CRINION TO TOP OF HEAD	0.660	0.633	0.690	0.747	0.800
236 (GLABX)	GLABELLA TO BACK OF HEAD		0.866	0.901	0.849	0.923
249 (SELLIONZ)	SELLION TO TOP OF HEAD			-0.148	-0.269	-0.339
18 (BITCRARC)	BITRAGION CRINION ARC				1.206	3.206
19 (BITFRARC)	BITRAGION FRONTAL ARC					-2.537
S.E. OF ESTIMATE		73.479	39.052	38.275	36.672	34.463
ADJUSTED R-SQUARED		0.464	0.849	0.855	0.866	0.882

DEPENDENT VARIABLE: (231) CRINION TO TOP OF HEAD (CRINIONZ)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-872.834	260.284	0.546	308.440	66.439
230 (CRINIONX)	CRINION TO BACK OF HEAD	0.703	1.166	0.999	0.620	-0.010
236 (GLABX)	GLABELLA TO BACK OF HEAD		-0.992	-0.956	-0.495	0.028
249 (SELLIONZ)	SELLION TO TOP OF HEAD			0.440	0.597	0.945
219 (MENCRINH)	MENTON-CRINION LENGTH HEADBOARD				-0.372	-0.992
220 (MENSELLH)	MENTON-SELLION LENGTH HEADBOARD					0.946
S.E. OF ESTIMATE		75.844	53.015	46.067	37.428	9.017
ADJUSTED R-SQUARED		0.464	0.738	0.802	0.869	0.992

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (232) ECTOORBITALE TO BACK OF HEAD (ECTORBB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-1.305	-36.655	73.092	45.359	44.145
258 (ZYFRB) ZYGOFRONTALE TO BACK OF HEAD	0.936	0.627	0.581	0.531	0.464
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD		0.311	0.375	0.409	0.318
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD			-0.119	-0.246	-0.282
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD				0.144	0.193
256 (ZYGB) ZYGION TO BACK OF HEAD					0.191
S.E. OF ESTIMATE	20.167	17.924	16.851	15.748	14.472
ADJUSTED R-SQUARED	0.897	0.919	0.928	0.937	0.947

DEPENDENT VARIABLE: (233) ECTOORBITALE TO TOP OF HEAD (ECTORBT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	247.340	64.982	23.489	-12.090	-2.350
259 (ZYFRT) ZYGOFRONTALE TO TOP OF HEAD	0.879	0.474	0.432	0.444	0.408
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD		0.468	0.379	0.385	0.364
257 (ZYG) ZYGION TO TOP OF HEAD			0.155	0.138	0.129
250 (STOMIONX) STOMION TO BACK OF HEAD				0.019	0.024
237 (GLABZ) GLABELLA TO TOP OF HEAD					0.059
S.E. OF ESTIMATE	18.307	14.808	14.126	14.019	13.891
ADJUSTED R-SQUARED	0.898	0.934	0.940	0.940	0.942

DEPENDENT VARIABLE: (234) FRONTOTEMPORALE TO BACK OF HEAD (FRTEMB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	109.554	44.316	132.657	74.173	6.074
258 (ZYFRB) ZYGOFRONTALE TO BACK OF HEAD	0.955	0.705	0.654	0.701	0.729
236 (GLABX) GLABELLA TO BACK OF HEAD		0.247	0.317	0.268	0.229
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD			-0.134	-0.288	-0.353
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD				0.209	0.281
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD					0.095
S.E. OF ESTIMATE	21.201	19.677	18.602	17.416	16.335
ADJUSTED R-SQUARED	0.891	0.907	0.916	0.927	0.936

DEPENDENT VARIABLE: (235) FRONTOTEMPORALE TO TOP OF HEAD (FRTEMT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-183.142	34.731	8.080	23.656	79.333
259 (ZYFRT) ZYGOFRONTALE TO TOP OF HEAD	1.022	1.036	1.000	0.818	0.827
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD		-0.205	-0.487	-0.494	-0.467
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD			0.365	0.382	0.378
237 (GLABZ) GLABELLA TO TOP OF HEAD				0.175	0.159
228 (CHEILB) CHEILION TO BACK OF HEAD					-0.041
S.E. OF ESTIMATE	28.406	26.357	23.731	22.949	22.688
ADJUSTED R-SQUARED	0.832	0.856	0.883	0.891	0.893



STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (236) GLABELLA TO BACK OF HEAD (GLABX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	49.308	-1.978	-19.305	-78.605	-99.012
63 (HEADLGH) HEAD LENGTH	9.881	5.607	4.985	4.910	4.604
248 (SELLIONX) SELLION TO BACK OF HEAD		0.454	0.402	0.382	0.416
234 (FRTEHB) FRONTOTEMPORALE TO BACK OF HEAD			0.139	0.154	0.140
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD				0.076	0.071
249 (SELLIONZ) SELLION TO TOP OF HEAD					0.039
S.E. OF ESTIMATE	17.610	13.238	12.600	12.024	11.775
ADJUSTED R-SQUARED	0.940	0.966	0.969	0.972	0.973

DEPENDENT VARIABLE: (237) GLABELLA TO TOP OF HEAD (GLABZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-81.132	-273.240	-140.980	-147.246	-113.801
249 (SELLIONZ) SELLION TO TOP OF HEAD	0.932	0.557	0.526	0.514	0.474
233 (ECTORBT) ECTOORBITALE TO TOP OF HEAD		0.517	0.558	0.454	0.349
254 (TRAGB) TRAGION TO BACK OF HEAD			-0.147	-0.227	-0.205
230 (CRINIONX) CRINION TO BACK OF HEAD				0.121	0.108
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD					0.152
S.E. OF ESTIMATE	33.665	30.365	29.170	27.815	27.377
ADJUSTED R-SQUARED	0.786	0.826	0.839	0.853	0.857

DEPENDENT VARIABLE: (238) GONION TO BACK OF HEAD (GONIONB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	152.913	-15.485	-190.145	-212.399	-56.630
242 (MENTONX) MENTON TO BACK OF HEAD	0.561	0.381	0.345	0.323	0.345
254 (TRAGB) TRAGION TO BACK OF HEAD		0.503	0.305	0.353	0.331
232 (ECTORBB) ECTOORBITALE TO BACK OF HEAD			0.272	0.225	0.225
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION				0.106	0.128
214 (BIOCBRMH) BIOCULAR BREADTH MAXIMUM HEADBOARD					-0.158
S.E. OF ESTIMATE	50.020	44.756	43.744	43.150	42.382
ADJUSTED R-SQUARED	0.579	0.663	0.678	0.687	0.698

DEPENDENT VARIABLE: (239) GONION TO TOP OF HEAD (GONIONT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	690.065	115.236	128.699	-24.843	-33.438
255 (TRAGT) TRAGION TO TOP OF HEAD	0.984	0.945	0.983	0.988	0.753
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC		2.057	2.715	1.825	1.883
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD			-0.222	-0.225	-0.216
16 (BITCHARC) BITRAGION CHIN ARC				1.297	1.095
257 (ZYG7) ZYGION TO TOP OF HEAD					0.270
S.E. OF ESTIMATE	52.718	43.505	41.084	39.470	38.746
ADJUSTED R-SQUARED	0.530	0.680	0.714	0.736	0.746

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (240) INFRAORBITALE TO BACK OF HEAD (INFORBB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	174.807	39.620	-18.940	-8.411	33.396
226 (ALAREB) ALARE TO BACK OF HEAD	0.818	0.468	0.408	0.221	0.205
232 (ECTORBB) ECTOORBITALE TO BACK OF HEAD		0.521	0.402	0.398	0.412
236 (GLABX) GLABELLA TO BACK OF HEAD			0.184	0.232	0.270
250 (STOMIONX) STOMION TO BACK OF HEAD				0.138	0.114
235 (FRTEM) FRONTOTEMPORALE TO TOP OF HEAD					-0.065
S.E. OF ESTIMATE	25.819	18.956	17.933	17.241	16.805
ADJUSTED R-SQUARED	0.863	0.926	0.934	0.939	0.942

DEPENDENT VARIABLE: (241) INFRAORBITALE TO TOP OF HEAD (INFORBT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	31.996	46.652	28.692	55.960	30.876
255 (TRAGT) TRAGION TO TOP OF HEAD	0.974	0.546	0.435	0.438	0.425
233 (ECTORBT) ECTOORBITALE TO TOP OF HEAD		0.462	0.364	0.300	0.301
227 (ALARET) ALARE TO TOP OF HEAD			0.180	0.124	0.136
249 (SELLIONZ) SELLION TO TOP OF HEAD				0.117	0.114
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					0.037
S.E. OF ESTIMATE	17.955	14.528	13.100	12.655	12.526
ADJUSTED R-SQUARED	0.905	0.938	0.949	0.953	0.954

DEPENDENT VARIABLE: (242) MENTON TO BACK OF HEAD (MENTONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-58.613	92.076	30.012	29.173	-28.626
244 (PMENTONX) PROMENTON TO BACK OF HEAD	0.969	0.993	0.988	0.934	0.873
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		-0.267	-0.258	-0.257	-0.300
15 (BISBDTH) BISPINOUS BREADTH			0.279	0.246	0.161
238 (GONIONB) GONION TO BACK OF HEAD				0.097	0.126
16 (BITCHARC) BITRAGION CHIN ARC					0.588
S.E. OF ESTIMATE	31.295	27.617	27.075	26.653	26.138
ADJUSTED R-SQUARED	0.911	0.930	0.933	0.935	0.938

DEPENDENT VARIABLE: (243) MENTON TO TOP OF HEAD (MENTONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	341.226	202.065	97.771	-36.832	-10.796
245 (PMENTONZ) PROMENTON TO TOP OF HEAD	0.912	0.777	0.050	0.023	0.011
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD		0.358	0.920	0.943	0.990
249 (SELLIONZ) SELLION TO TOP OF HEAD			0.891	0.937	0.997
242 (MENTONX) MENTON TO BACK OF HEAD				0.063	0.118
236 (GLABX) GLABELLA TO BACK OF HEAD					-0.113
S.E. OF ESTIMATE	35.643	29.926	9.190	6.632	4.404
ADJUSTED R-SQUARED	0.838	0.886	0.989	0.994	0.998

## STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (244) PROMENTON TO BACK OF HEAD (PMENTONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	228.700	-10.478	-73.087	-49.011	10.500
242 (MENTONX) MENTON TO BACK OF HEAD	0.940	0.647	0.629	0.631	0.616
250 (STOMIONX) STOMION TO BACK OF HEAD		0.387	0.373	0.364	0.366
16 (BITCHARC) BITRAGION CHIN ARC			0.384	0.541	0.658
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD				-0.051	-0.048
245 (PMENTONZ) PROMENTON TO TOP OF HEAD					-0.037
S.E. OF ESTIMATE	30.814	22.203	21.839	21.547	21.352
ADJUSTED R-SQUARED	0.911	0.954	0.955	0.956	0.957

DEPENDENT VARIABLE: (245) PROMENTON TO TOP OF HEAD (PMENTONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	38.015	22.317	8.493	-66.189	-7.449
243 (MENTONZ) MENTON TO TOP OF HEAD	0.918	0.525	0.705	0.650	0.614
251 (STOMIONZ) STOMION TO TOP OF HEAD		0.498	0.351	0.399	0.417
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD			-0.176	-0.177	-0.143
16 (BITCHARC) BITRAGION CHIN ARC				0.351	0.607
250 (STOMIONX) STOMION TO BACK OF HEAD					-0.059
S.E. OF ESTIMATE	35.758	31.328	30.709	30.444	30.128
ADJUSTED R-SQUARED	0.838	0.876	0.880	0.882	0.885

DEPENDENT VARIABLE: (246) PRONASALE TO BACK OF HEAD (PRONASX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	322.843	106.737	33.266	-21.911	-2.390
252 (SUBNASX) SUBNASALE TO BACK OF HEAD	0.918	0.940	0.781	0.832	0.990
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD		0.912	0.777	0.799	1.145
248 (SELLIONX) SELLION TO BACK OF HEAD			0.214	0.155	0.010
247 (PRONASZ) PRONASALE TO TOP OF HEAD				0.043	0.596
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD					-0.594
S.E. OF ESTIMATE	26.063	13.446	11.127	10.757	3.376
ADJUSTED R-SQUARED	0.894	0.972	0.981	0.982	0.998

DEPENDENT VARIABLE: (247) PRONASALE TO TOP OF HEAD (PRONASZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-176.969	-150.324	48.008	7.980	7.313
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD	1.048	1.083	1.076	0.998	0.998
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD		-0.443	-0.462	-1.810	-1.810
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			-0.090	-1.546	-1.562
246 (PRONASX) PRONASALE TO BACK OF HEAD				1.543	1.538
226 (ALAREB) ALARE TO BACK OF HEAD					0.021
S.E. OF ESTIMATE	24.330	21.932	20.641	5.411	5.394
ADJUSTED R-SQUARED	0.917	0.932	0.940	0.996	0.996

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (248) SELLION TO BACK OF HEAD (SELLIONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	65.339	-9.782	6.525	-21.760	-39.670
236 (GLABX) GLABELLA TO BACK OF HEAD	0.954	0.703	0.703	0.700	0.704
246 (PROMASX) PRONASALE TO BACK OF HEAD		0.262	0.270	0.263	0.261
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.088	-0.091	-0.068
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD				0.041	0.101
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD					-0.089
S.E. OF ESTIMATE	19.247	15.877	15.361	15.157	14.898
ADJUSTED R-SQUARED	0.927	0.950	0.954	0.955	0.956

DEPENDENT VARIABLE: (249) SELLION TO TOP OF HEAD (SELLIONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-267.445	-76.272	26.104	55.347	-0.897
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD	1.061	0.595	0.703	0.046	0.016
237 (GLABZ) GLABELLA TO TOP OF HEAD		0.435	0.354	0.001	0.013
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD			-0.328	-0.979	-0.978
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD				0.926	0.944
250 (STOMIONX) STOMION TO BACK OF HEAD					0.027
S.E. OF ESTIMATE	31.208	26.658	23.916	5.447	4.861
ADJUSTED R-SQUARED	0.797	0.852	0.881	0.994	0.995

DEPENDENT VARIABLE: (250) STOMION TO BACK OF HEAD (STOMIONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	114.975	11.492	-120.604	-107.260	-106.640
228 (CHEILB) CHEILION TO BACK OF HEAD	1.014	0.960	0.767	0.703	0.641
217 (LIPLGTH) LIP LENGTH HEADBOARD		0.363	0.351	0.333	0.266
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.244	0.217	0.254
244 (PMENTONX) PROMENTON TO BACK OF HEAD				0.088	0.105
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					0.117
S.E. OF ESTIMATE	26.241	21.703	19.562	19.183	18.813
ADJUSTED R-SQUARED	0.926	0.949	0.959	0.960	0.962

DEPENDENT VARIABLE: (251) STOMION TO TOP OF HEAD (STOMIONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-30.069	3.272	-23.799	-57.581	42.196
229 (CHEILT) CHEILION TO TOP OF HEAD	1.007	0.740	0.600	0.561	0.571
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD		0.290	0.265	0.315	0.274
245 (PMENTONZ) PROMENTON TO TOP OF HEAD			0.152	0.145	0.160
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				0.115	0.129
242 (MENTONX) MENTON TO BACK OF HEAD					-0.050
S.E. OF ESTIMATE	20.824	18.292	17.324	16.584	15.852
ADJUSTED R-SQUARED	0.929	0.945	0.951	0.955	0.959

STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (252) SUBNASALE TO BACK OF HEAD (SUBNASX)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		29.690	-84.000	-52.095	68.484	5.709
226 (ALAREB)	ALARE TO BACK OF HEAD	1.004	0.644	0.267	0.214	0.032
246 (PRONASK)	PRONASALE TO BACK OF HEAD		0.380	0.775	0.820	0.970
224 (NOSEPRH)	NOSE PROTRUSION HEADBOARD			-0.772	-0.773	-1.128
247 (PRONASZ)	PRONASALE TO TOP OF HEAD				-0.076	-0.593
253 (SUBNASZ)	SUBNASALE TO TOP OF HEAD					0.588
S.E. OF ESTIMATE		22.597	19.841	12.665	11.049	3.323
ADJUSTED R-SQUARED		0.925	0.942	0.976	0.982	0.998

DEPENDENT VARIABLE: (253) SUBNASALE TO TOP OF HEAD (SUBNASZ)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		59.736	122.962	55.144	-45.913	-1.145
227 (ALARET)	ALARE TO TOP OF HEAD	1.003	0.573	0.609	0.049	0.048
247 (PRONASZ)	PRONASALE TO TOP OF HEAD		0.398	0.340	0.094	0.067
225 (SBNSELH)	SUBNASALE-SELLION HEADBOARD			0.202	0.905	0.924
249 (SELLIONZ)	SELLION TO TOP OF HEAD				0.882	0.908
250 (STOMIONX)	STOMION TO BACK OF HEAD					-0.021
S.E. OF ESTIMATE		20.624	17.622	16.146	4.904	4.547
ADJUSTED R-SQUARED		0.928	0.948	0.956	0.996	0.997

DEPENDENT VARIABLE: (254) TRAGION TO BACK OF HEAD (TRAGB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-37.516	-217.070	147.712	-61.732	-90.461
256 (ZYGB)	ZYGION TO BACK OF HEAD	0.775	0.470	0.350	0.274	0.192
232 (ECTORBB)	ECTOORBITALE TO BACK OF HEAD		0.364	0.558	0.369	0.240
19 (BITFRARC)	BITRAGION FRONTAL ARC			-1.697	-3.028	-3.079
62 (HEADCIRC)	HEAD CIRCUMFERENCE				1.795	1.727
226 (ALAREB)	ALARE TO BACK OF HEAD					0.199
S.E. OF ESTIMATE		32.230	29.620	24.585	20.850	19.302
ADJUSTED R-SQUARED		0.693	0.741	0.821	0.872	0.890

DEPENDENT VARIABLE: (255) TRAGION TO TOP OF HEAD (TRAGT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		94.718	-39.033	23.002	10.526	-34.176
241 (INFORBT)	INFRAORBITALE TO TOP OF HEAD	0.929	0.728	0.690	0.602	0.620
17 (BITCOARC)	BITRAGION CORONAL ARC		1.122	1.473	1.388	1.347
61 (HEADBRTH)	HEAD BREADTH			-0.895	-0.921	-0.927
257 (ZYGt)	ZYGION TO TOP OF HEAD				0.123	0.114
238 (GONIONB)	GONION TO BACK OF HEAD					0.041
S.E. OF ESTIMATE		17.535	15.297	14.830	14.404	14.067
ADJUSTED R-SQUARED		0.905	0.928	0.932	0.936	0.939

# STEPWISE MULTIPLE REGRESSIONS -- MALES

DEPENDENT VARIABLE: (256) ZYGION TO BACK OF HEAD (ZYGB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	440.139	92.779	56.591	57.820	124.008
254	(TRAGB) TRAGION TO BACK OF HEAD	0.895	0.509	0.453	0.414	0.363
240	(INFORBB) INFRAORBITALE TO BACK OF HEAD		0.403	0.242	0.118	0.140
232	(ECTORBB) ECTOORBITALE TO BACK OF HEAD			0.239	0.285	0.308
228	(CHEILB) CHEILION TO BACK OF HEAD				0.102	0.112
216	(BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD					0.078
S.E. OF ESTIMATE		34.651	30.274	29.764	29.375	29.034
ADJUSTED R-SQUARED		0.693	0.766	0.774	0.779	0.785

DEPENDENT VARIABLE: (257) ZYGION TO TOP OF HEAD (ZYGZ)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	283.286	191.539	56.074	12.838	33.667
233	(ECTORBT) ECTOORBITALE TO TOP OF HEAD	0.871	0.518	0.534	0.505	0.497
255	(TRAGT) TRAGION TO TOP OF HEAD		0.389	0.360	0.295	0.293
214	(BIOCBRMH) BIOCULAR BREADTH MAXIMUM HEADBOARD			0.127	0.105	0.211
239	(GONIONT) GONION TO TOP OF HEAD				0.096	0.121
216	(BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD					-0.132
S.E. OF ESTIMATE		27.980	26.569	25.677	25.219	24.633
ADJUSTED R-SQUARED		0.762	0.785	0.799	0.806	0.815

DEPENDENT VARIABLE: (258) ZYGOFRONTALE TO BACK OF HEAD (ZYFRB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	177.357	62.873	28.181	72.299	4.415
232	(ECTORBB) ECTOORBITALE TO BACK OF HEAD	0.959	0.517	0.489	0.489	0.553
234	(FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD		0.471	0.379	0.370	0.301
63	(HEADLGTH) HEAD LENGTH			1.224	1.385	1.540
218	(MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD				-0.055	-0.327
214	(BIOCBRMH) BIOCULAR BREADTH MAXIMUM HEADBOARD					0.299
S.E. OF ESTIMATE		20.416	16.413	15.903	15.664	13.244
ADJUSTED R-SQUARED		0.897	0.933	0.938	0.939	0.957

DEPENDENT VARIABLE: (259) ZYGOFRONTALE TO TOP OF HEAD (ZYFRT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
	INTERCEPT	-144.919	-36.371	-31.362	-0.055	-24.237
233	(ECTORBT) ECTOORBITALE TO TOP OF HEAD	1.022	0.678	0.558	0.568	0.550
235	(FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD		0.330	0.287	0.267	0.286
249	(SELLIONZ) SELLION TO TOP OF HEAD			0.157	0.166	0.161
219	(MENCRIHH) MENTON-CRINION HEADBOARD				-0.018	-0.020
218	(MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD					0.034
S.E. OF ESTIMATE		19.746	16.015	15.180	14.974	14.896
ADJUSTED R-SQUARED		0.898	0.933	0.940	0.941	0.942

**TABLE 14**

**FEMALE STEPWISE MULTIPLE REGRESSIONS**

TABLE 14  
STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (2) ABDOMINAL EXTENSION DEPTH, SITTING (ABEXDPST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	22.772	-26.849	-33.004	-13.061	-9.868
116 (WSTDEPTH) WAIST DEPTH	0.979	0.935	0.759	0.717	0.728
41 (CRHLOW) CROTCH LENGTH, OMPHALION		0.096	0.089	0.111	0.086
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION			0.059	0.071	0.080
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING				-0.059	-0.075
123 (WSHIPLTH) WAIST-HIP LENGTH					0.082
S.E. OF ESTIMATE	10.075	9.395	9.209	9.118	9.053
ADJUSTED R-SQUARED	0.854	0.873	0.878	0.880	0.882

DEPENDENT VARIABLE: (3) ACROMIAL HEIGHT (ACRHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	33.198	-16.951	-10.873	-11.333	-11.446
7 (AXHGHT) AXILLA HEIGHT	1.054	1.021	1.009	0.957	0.790
89 (SCYECIRC) SCYE CIRCUMFERENCE		0.246	0.401	0.379	0.317
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE			-0.167	-0.163	-0.138
128 (WRISHGHT) WRIST HEIGHT				0.089	0.234
98 (SLOUTSM) SLEEVE OUTSEAM					0.197
S.E. OF ESTIMATE	8.591	6.710	6.331	6.083	5.649
ADJUSTED R-SQUARED	0.978	0.987	0.988	0.989	0.990

DEPENDENT VARIABLE: (4) ACROMIAL HEIGHT, SITTING (ACRHTST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-33.084	8.449	5.921	13.425	-2.124
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING	1.008	1.040	1.242	1.169	0.505
11 (BCRMBDTH) BIACROMIAL BREADTH		-0.166	-0.127	-0.081	-0.041
32 (CERVSIT) CERVICAL HEIGHT SITTING			-0.206	-0.208	-0.073
49 (ELRHGHT) ELBOW REST HEIGHT				0.091	0.584
92 (SHOUELLT) SHOULDER-ELBOW LENGTH					0.581
S.E. OF ESTIMATE	6.483	5.869	5.554	5.375	3.815
ADJUSTED R-SQUARED	0.949	0.958	0.962	0.965	0.982

DEPENDENT VARIABLE: (5) ACROMION-RADIALE LENGTH (ACRDLGTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-2.143	-3.175	-2.040	-6.837	-1.707
92 (SHOUELLT) SHOULDER-ELBOW LENGTH	0.935	0.771	0.732	0.723	0.733
98 (SLOUTSM) SLEEVE OUTSEAM		0.102	0.184	0.186	0.184
88 (RASTL) RADIALE-STYLION LENGTH			-0.134	-0.135	-0.127
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION				0.010	0.013
127 (WRISCIRC) WRIST CIRCUMFERENCE					-0.077
S.E. OF ESTIMATE	3.683	3.477	3.357	3.305	3.280
ADJUSTED R-SQUARED	0.951	0.957	0.960	0.961	0.961



# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (6) ANKLE CIRCUMFERENCE (ANKLCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	62.176	16.356	21.629	10.780	15.378
29 (CALFCIRC) CALF CIRCUMFERENCE	0.406	0.326	0.323	0.296	0.276
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.491	0.541	0.307	0.318
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.034	-0.053	-0.045
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE				0.204	0.298
30 (CALFHGHT) CALF HEIGHT					-0.097
S.E. OF ESTIMATE	7.545	7.002	6.819	6.538	6.286
ADJUSTED R-SQUARED	0.608	0.663	0.680	0.706	0.728

## DEPENDENT VARIABLE: (7) AXILLA HEIGHT (AXHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-3.649	31.637	11.119	8.979	12.303
3 (ACRHGHT) ACROMIAL HEIGHT	0.928	0.964	0.738	0.769	0.764
89 (SCYECIRC) SCYE CIRCUMFERENCE		-0.225	-0.206	-0.301	-0.291
102 (SUPSTRHT) SUPRASTERNAL HEIGHT			0.237	0.212	0.183
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE				0.097	0.109
87 (POPHGHT) POPLITEAL HEIGHT					0.090
S.E. OF ESTIMATE	8.060	6.520	5.789	5.657	5.555
ADJUSTED R-SQUARED	0.978	0.986	0.989	0.989	0.990

## DEPENDENT VARIABLE: (8) AXILLARY ARM CIRCUMFERENCE (AXARCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	31.276	-40.265	-29.479	-69.100	-35.397
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED	0.925	0.593	0.511	0.432	0.369
89 (SCYECIRC) SCYE CIRCUMFERENCE		0.445	0.318	0.233	0.301
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION			0.075	0.060	0.052
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE				0.102	0.134
5 (ACRDLGTH) ACROMION-RADIALE LENGTH					-0.215
S.E. OF ESTIMATE	12.491	10.392	9.478	9.006	8.441
ADJUSTED R-SQUARED	0.739	0.819	0.850	0.864	0.881

## DEPENDENT VARIABLE: (9) BALL OF FOOT CIRCUMFERENCE (BLFTCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	43.710	10.660	7.242	2.206	-2.507
51 (FTBRHOR) FOOT BREADTH, HORIZONTAL	2.005	1.691	1.626	1.534	1.548
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.405	0.283	0.166	0.148
6 (ANKLCIRC) ANKLE CIRCUMFERENCE			0.135	0.142	0.130
59 (HANDCIRC) HAND CIRCUMFERENCE				0.158	0.156
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT					0.149
S.E. OF ESTIMATE	5.445	4.930	4.773	4.705	4.644
ADJUSTED R-SQUARED	0.767	0.809	0.821	0.826	0.831

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (10) BALL OF FOOT LENGTH (BLFTLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-2.436	-5.679	-2.614	-4.800	-2.317
52 (FOOTLGTH) FOOT LENGTH	0.744	0.715	0.706	0.663	0.667
120 (WSTHOM) WAIST HEIGHT, OMPHALION		0.010	0.015	0.015	0.014
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT			-0.096	-0.108	-0.109
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE				0.046	0.067
51 (FTBRHOR) FOOT BREADTH, HORIZONTAL					-0.101
S.E. OF ESTIMATE	3.021	2.999	2.962	2.936	2.913
ADJUSTED R-SQUARED	0.901	0.902	0.904	0.906	0.908

DEPENDENT VARIABLE: (11) BIACROMIAL BREADTH (BCRMBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	198.888	80.724	77.611	36.049	37.374
93 (SHOULGTH) SHOULDER LENGTH	1.132	0.896	0.782	0.704	0.658
13 (BIDLBDTH) BIDELOID BREADTH		0.352	0.591	0.539	0.645
54 (FORFORBR) FOREARM-FOREARM BREADTH			-0.179	-0.170	-0.138
84 (OVHDFTRH) OVERHEAD FINGERTIP REACH				0.034	0.029
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE					-0.152
S.E. OF ESTIMATE	12.377	9.811	9.179	8.736	8.507
ADJUSTED R-SQUARED	0.495	0.683	0.722	0.748	0.761

DEPENDENT VARIABLE: (12) BICEPS CIRCUMFERENCE, FLEXED (BICIRCFL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	48.484	-25.093	-33.229	0.909	0.201
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE	0.799	0.517	0.411	0.390	0.350
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED		0.614	0.544	0.589	0.392
104 (THGHCIRC) THIGH CIRCUMFERENCE			0.097	0.109	0.099
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING				-0.034	-0.045
48 (ELBCIRC) ELBOW CIRCUMFERENCE					0.344
S.E. OF ESTIMATE	11.605	9.825	9.436	9.267	9.120
ADJUSTED R-SQUARED	0.739	0.813	0.827	0.833	0.839

DEPENDENT VARIABLE: (13) BIDELOID BREADTH (BIDLBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	19.738	28.761	-15.238	-15.887	-16.028
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE	0.402	0.328	0.246	0.248	0.234
54 (FORFORBR) FOREARM-FOREARM BREADTH		0.143	0.195	0.186	0.177
11 (BCRMBDTH) BIACROMIAL BREADTH			0.285	0.368	0.371
93 (SHOULGTH) SHOULDER LENGTH				-0.181	-0.193
70 (INSCYE1) INTERSCYE 1					0.054
S.E. OF ESTIMATE	8.503	7.916	6.887	6.752	6.671
ADJUSTED R-SQUARED	0.859	0.878	0.907	0.911	0.913

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (14) BIMALLEOLAR BREADTH (BIMBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	18.945	11.724	3.495	3.635	3.071
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE	0.149	0.106	0.105	0.106	0.090
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.135	0.105	0.108	0.089
94 (SITTHGHT) SITTING HEIGHT			0.015	0.020	0.019
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT				-0.089	-0.090
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE					0.044
S.E. OF ESTIMATE	2.218	2.115	2.058	2.013	1.986
ADJUSTED R-SQUARED	0.502	0.547	0.571	0.590	0.601

DEPENDENT VARIABLE: (15) BISPINOUS BREADTH (BISBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	105.870	102.824	18.592	88.559	65.005
113 (WSTBRTH) WAIST BREADTH	0.394	0.721	0.685	0.578	0.535
116 (WSTDEPTH) WAIST DEPTH		-0.450	-0.438	-0.316	-0.271
31 (CERVHGHT) CERVICALE HEIGHT			0.066	0.088	0.182
250 (STOMIONX) STOMION TO BACK OF HEAD				-0.050	-0.040
108 (TROCHHT) TROCHANTERION HEIGHT					-0.144
S.E. OF ESTIMATE	17.250	16.057	15.603	14.949	14.678
ADJUSTED R-SQUARED	0.293	0.388	0.422	0.469	0.488

DEPENDENT VARIABLE: (16) BITRAGION CHIN ARC (BITCHARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	29.777	1.190	-15.328	8.559	-2.367
21 (BITSNARC) BITRAGION SUBNASAL ARC	0.989	0.779	0.635	0.690	0.686
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC		0.313	0.298	0.272	0.195
244 (PMENTONX) PROMENTON TO BACK OF HEAD			0.032	0.061	0.083
252 (SUBNASX) SUBNASALE TO BACK OF HEAD				-0.044	-0.074
78 (MENSELL) MENTON-SELLION LENGTH					0.451
S.E. OF ESTIMATE	6.478	5.655	5.024	4.745	4.197
ADJUSTED R-SQUARED	0.761	0.818	0.856	0.872	0.900

DEPENDENT VARIABLE: (17) BITRAGION CORONAL ARC (BITCOARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	98.073	14.871	-9.985	-20.573	-20.313
255 (TRAGT) TRAGION TO TOP OF HEAD	0.193	0.168	0.144	0.149	0.131
61 (HEADBRTH) HEAD BREADTH		0.790	0.621	0.568	0.559
18 (BITCRARC) BITRAGION CRINION ARC			0.256	0.250	0.309
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				0.041	0.042
231 (CRINION2) CRINION TO TOP OF HEAD					0.011
S.E. OF ESTIMATE	7.261	6.280	5.925	5.604	5.557
ADJUSTED R-SQUARED	0.683	0.763	0.789	0.811	0.814

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (18) BITRAGION CRINION ARC (BITCRARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	43.712	14.960	5.010	8.874	4.344
19 (BITFRARC) BITRAGION FRONTAL ARC	0.916	0.788	0.684	0.735	0.679
255 (TRAGT) TRAGION TO TOP OF HEAD		0.053	0.098	0.091	0.059
231 (CRINION2) CRINION TO TOP OF HEAD			-0.037	-0.036	-0.036
223 (NOSEBRTH) NOSE BREADTH				-0.031	-0.038
17 (BITCOARC) BITRAGION CORONAL ARC					0.188
S.E. OF ESTIMATE	5.757	5.108	4.348	4.112	3.937
ADJUSTED R-SQUARED	0.713	0.774	0.836	0.853	0.865

## DEPENDENT VARIABLE: (19) BITRAGION FRONTAL ARC (BITFRARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	48.701	-2.122	-1.818	-0.119	-6.613
18 (BITCRARC) BITRAGION CRINION ARC	0.778	0.634	0.631	0.665	0.665
21 (BITSNARC) BITRAGION SUBNASAL ARC		0.345	0.301	0.317	0.313
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD			0.019	0.020	0.019
219 (MENCRIHH) MENTON-CRINION LENGTH HEADBOARD				-0.010	-0.017
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD					0.018
S.E. OF ESTIMATE	5.303	3.785	3.702	3.617	3.524
ADJUSTED R-SQUARED	0.713	0.854	0.860	0.866	0.873

## DEPENDENT VARIABLE: (20) BITRAGION SUBMANDIBULAR ARC (BITSNARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	65.022	21.505	17.707	8.301	13.341
16 (BITCHARC) BITRAGION CHIN ARC	0.696	0.540	0.516	0.600	0.597
81 (NECKCIRC) NECK CIRCUMFERENCE		0.287	0.196	0.186	0.149
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD			0.037	0.038	0.033
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				-0.040	-0.039
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING					0.054
S.E. OF ESTIMATE	8.814	7.916	7.632	7.468	7.378
ADJUSTED R-SQUARED	0.523	0.615	0.642	0.657	0.665

## DEPENDENT VARIABLE: (21) BITRAGION SUBNASAL ARC (BITSNARC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	43.145	-15.435	-6.339	-0.366	-12.764
16 (BITCHARC) BITRAGION CHIN ARC	0.769	0.633	0.532	0.557	0.521
19 (BITFRARC) BITRAGION FRONTAL ARC		0.347	0.365	0.387	0.381
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.047	0.046	0.040
78 (MENSELL) MENTON-SELLION LENGTH				-0.169	-0.199
226 (ALAREB) ALARE TO BACK OF HEAD					0.016
S.E. OF ESTIMATE	5.713	4.912	4.550	4.460	4.358
ADJUSTED R-SQUARED	0.761	0.823	0.848	0.854	0.861

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (22) BIZYGOMATIC BREADTH (BIZBOTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		19.390	4.893	-0.794	0.863	0.901
216 (BIZYBRH)	BIZYGOMATIC BREADTH HEADBOARD	0.082	0.073	0.069	0.067	0.070
61 (HEADBRTH)	HEAD BREADTH		0.190	0.176	0.197	0.196
19 (BITFRARC)	BITRAGION FRONTAL ARC			0.045	0.052	0.051
235 (FRTEMT)	FRONTOTEMPORALE TO TOP OF HEAD				-0.005	-0.005
212 (BIGBRH)	BIGONIAL BREADTH HEADBOARD					-0.004
S.E. OF ESTIMATE		2.076	1.927	1.893	1.867	1.857
ADJUSTED R-SQUARED		0.830	0.854	0.859	0.863	0.864

DEPENDENT VARIABLE: (23) BUSTPOINT/THELION-BUSTPOINT/THELION BREADTH (BSTPTBR)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		61.296	29.120	39.704	32.026	33.299
34 (CHSTCIRC)	CHEST CIRCUMFERENCE	0.136	0.130	0.193	0.197	0.197
92 (SHOUELLT)	SHOULDER-ELBOW LENGTH		0.112	0.136	0.120	0.116
35 (CHSTCISC)	CHEST CIRCUMFERENCE AT SCYE			-0.086	-0.106	-0.080
96 (SLLSPSC)	SLEEVE LENGTH: SPINE-SCYE				0.133	0.172
70 (INSCYE1)	INTERSCYE 1					-0.087
S.E. OF ESTIMATE		13.692	13.560	13.425	13.355	13.260
ADJUSTED R-SQUARED		0.285	0.299	0.313	0.320	0.329

DEPENDENT VARIABLE: (24) BUTTOCK CIRCUMFERENCE (BUTTCIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		125.147	87.211	80.488	56.468	18.350
66 (HIPBRTH)	HIP BREADTH	2.456	1.417	1.459	1.382	1.370
104 (THGHCIRC)	THIGH CIRCUMFERENCE		0.679	0.444	0.437	0.418
25 (BUTTDPTH)	BUTTOCK DEPTH			0.566	0.511	0.490
41 (CRHLOM)	CROTCH LENGTH, OMPHALION				0.111	0.101
27 (BUTTKLTH)	BUTTOCK-KNEE LENGTH					0.109
S.E. OF ESTIMATE		24.347	14.093	12.460	12.021	11.711
ADJUSTED R-SQUARED		0.836	0.945	0.957	0.960	0.962

DEPENDENT VARIABLE: (25) BUTTOCK DEPTH (BUTTDPTH)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		2.555	5.445	-23.216	-12.775	-6.363
104 (THGHCIRC)	THIGH CIRCUMFERENCE	0.387	0.270	0.209	0.176	0.202
116 (WSTDEPTH)	WAIST DEPTH		0.320	0.350	0.213	0.240
41 (CRHLOM)	CROTCH LENGTH, OMPHALION			0.095	0.245	0.245
123 (WSHIPLTH)	WAIST-HIP LENGTH				-0.362	-0.328
66 (HIPBRTH)	HIP BREADTH					-0.096
S.E. OF ESTIMATE		11.696	10.075	9.631	8.173	8.084
ADJUSTED R-SQUARED		0.690	0.770	0.790	0.848	0.852

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (26) BUTTOCK HEIGHT (BUTTHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	3.469	29.760	2.451	-6.315	-2.284
108 (TROCHNT) TROCHANTERION HEIGHT	0.969	0.976	0.355	0.309	0.313
123 (WSHIPLTH) WAIST-HIP LENGTH		-0.217	-0.672	-0.655	-0.666
120 (WSTHOM) WAIST HEIGHT, OMPHALION			0.641	0.608	0.588
56 (FNCLEGLG) FUNCTIONAL LEG LENGTH				0.077	0.096
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION					-0.064
S.E. OF ESTIMATE	11.019	10.010	6.319	6.175	6.053
ADJUSTED R-SQUARED	0.941	0.951	0.980	0.981	0.982

DEPENDENT VARIABLE: (27) BUTTOCK-KNEE LENGTH (BUTTKLTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	73.656	86.780	110.821	107.297	69.260
28 (BUTTPLTH) BUTTOCK-POPLITEAL LENGTH	1.070	0.940	0.915	0.863	0.885
125 (WEIGHT) WEIGHT		0.079	0.110	0.105	0.071
113 (WSTBRTH) WAIST BREADTH			-0.105	-0.089	-0.057
30 (CALFHGHT) CALF HEIGHT				0.086	0.098
29 (CALFCIRC) CALF CIRCUMFERENCE					0.100
S.E. OF ESTIMATE	8.175	5.904	5.583	5.411	5.251
ADJUSTED R-SQUARED	0.924	0.960	0.964	0.967	0.969

DEPENDENT VARIABLE: (28) BUTTOCK-POPLITEAL LENGTH (BUTTPLTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-26.964	10.973	-0.079	-1.088	-6.963
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH	0.864	0.926	0.868	0.914	0.933
29 (CALFCIRC) CALF CIRCUMFERENCE		-0.213	-0.188	-0.162	-0.172
87 (POPHGHT) POPLITEAL HEIGHT			0.094	0.288	0.283
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT				-0.240	-0.178
30 (CALFHGHT) CALF HEIGHT					-0.089
S.E. OF ESTIMATE	7.345	5.760	5.544	5.308	5.196
ADJUSTED R-SQUARED	0.924	0.953	0.957	0.960	0.962

DEPENDENT VARIABLE: (29) CALF CIRCUMFERENCE (CALFCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	95.012	17.234	35.527	92.860	175.227
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE	0.682	0.441	0.344	0.295	0.241
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		0.821	0.779	0.804	0.734
125 (WEIGHT) WEIGHT			0.044	0.072	0.159
3 (ACRHGHT) ACROMIAL HEIGHT				-0.046	-0.082
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION					-0.069
S.E. OF ESTIMATE	13.503	11.332	11.151	10.946	10.486
ADJUSTED R-SQUARED	0.660	0.761	0.768	0.777	0.795

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (30) CALF HEIGHT (CALFHGT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	221.297	253.801	195.373	125.454	-45.557
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE	0.251	0.352	0.247	-0.866	-0.031
6 (ANKLCIRC) ANKLE CIRCUMFERENCE		-0.343	-0.163	-0.259	-0.394
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.176	0.169	0.066
72 (KNEECIRC) KNEE CIRCUMFERENCE				1.404	0.250
26 (BUTTHGHT) BUTTOCK HEIGHT					0.406
S.E. OF ESTIMATE	22.940	22.739	21.264	19.446	11.845
ADJUSTED R-SQUARED	0.083	0.099	0.212	0.341	0.756

DEPENDENT VARIABLE: (31) CERVICAL HEIGHT (CERVHGT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	4.146	-9.810	-2.206	-26.820	-23.373
83 (NECKHTLT) NECK HEIGHT, LATERAL	1.005	0.979	0.694	0.477	0.410
90 (SCYEDPTH) SCYE DEPTH		0.275	0.380	0.374	0.394
7 (AXHGHT) AXILLA HEIGHT			0.300	0.306	0.279
100 (STATURE) STATURE				0.198	0.237
39 (CRCHHGHT) CROTCH HEIGHT					0.072
S.E. OF ESTIMATE	7.739	6.833	6.317	6.009	5.838
ADJUSTED R-SQUARED	0.983	0.987	0.989	0.990	0.990

DEPENDENT VARIABLE: (32) CERVICAL HEIGHT SITTING (CERVSIT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-63.534	-42.558	-58.510	-25.541	-30.220
94 (SITTHGHT) SITTING HEIGHT	0.813	0.466	0.408	0.441	0.439
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING		0.471	0.474	0.454	0.417
90 (SCYEDPTH) SCYE DEPTH			0.342	0.344	0.277
239 (GONION) GONION TO TOP OF HEAD				-0.028	-0.027
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION					0.091
S.E. OF ESTIMATE	9.080	7.717	6.256	6.019	5.840
ADJUSTED R-SQUARED	0.907	0.933	0.956	0.959	0.962

DEPENDENT VARIABLE: (33) CHEST BREADTH (CHSTBDTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	22.038	-26.474	-27.273	-19.142	-17.855
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST	0.335	0.245	0.233	0.196	0.166
13 (BIDLBDTH) BIDLTOID BREADTH		0.272	0.200	0.169	0.149
70 (INSCYE1) INTERSCYE 1			0.117	0.120	0.110
113 (WSTBRTH) WAIST BREADTH				0.111	0.092
34 (CHSTCIRC) CHEST CIRCUMFERENCE					0.044
S.E. OF ESTIMATE	9.878	8.983	8.694	8.446	8.363
ADJUSTED R-SQUARED	0.749	0.792	0.806	0.816	0.820

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (34) CHEST CIRCUMFERENCE (CHSTCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-46.944	13.713	13.046	-13.941	-35.846
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE	1.076	0.601	0.381	0.375	0.363
37 (CHSTDPH) CHEST DEPTH		1.504	1.470	1.388	1.296
33 (CHSTBDTH) CHEST BREADTH			0.731	0.678	0.647
23 (BSTPTBR) BUSTPOINT/THELION-BUSTPOINT/THELION BREADTH				0.360	0.326
101 (STRLGTH) STRAP LENGTH					0.102
S.E. OF ESTIMATE	27.527	19.708	18.234	17.514	17.180
ADJUSTED R-SQUARED	0.812	0.904	0.918	0.924	0.927

DEPENDENT VARIABLE: (35) CHEST CIRCUMFERENCE AT SCYE (CHSTCISC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-60.908	-18.629	-25.819	-27.824	-34.994
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE	0.923	0.519	0.474	0.428	0.392
34 (CHSTCIRC) CHEST CIRCUMFERENCE		0.411	0.301	0.284	0.266
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST			0.199	0.197	0.170
70 (INSCYE1) INTERSCYE 1				0.186	0.191
89 (SCYECIRC) SCYE CIRCUMFERENCE					0.215
S.E. OF ESTIMATE	22.673	16.655	15.976	15.568	15.308
ADJUSTED R-SQUARED	0.819	0.902	0.910	0.914	0.917

DEPENDENT VARIABLE: (36) CHEST CIRCUMFERENCE BELOW BREAST (CHSTCB)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	132.716	83.320	105.413	72.700	96.171
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.702	0.403	0.244	0.158	0.211
33 (CHSTBDTH) CHEST BREADTH		1.147	0.933	0.783	0.777
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION			0.251	0.231	0.235
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE				0.189	0.185
101 (STRLGTH) STRAP LENGTH					-0.102
S.E. OF ESTIMATE	24.703	21.448	20.034	19.651	19.362
ADJUSTED R-SQUARED	0.765	0.823	0.846	0.851	0.856

DEPENDENT VARIABLE: (37) CHEST DEPTH (CHSTDPH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-31.824	-22.686	-22.901	-7.067	13.102
34 (CHSTCIRC) CHEST CIRCUMFERENCE	0.299	0.354	0.319	0.323	0.309
33 (CHSTBDTH) CHEST BREADTH		-0.212	-0.248	-0.204	-0.208
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE			0.145	0.184	0.150
13 (BIDLBDTH) BIDELOID BREADTH				-0.098	-0.141
125 (WEIGHT) WEIGHT					0.034
S.E. OF ESTIMATE	9.178	8.895	8.649	8.569	8.458
ADJUSTED R-SQUARED	0.811	0.822	0.832	0.835	0.839



STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (38) CHEST HEIGHT (CHSTHGHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-3.351	82.518	32.981	3.000	15.387
7 (AXHGHT)	AXILLA HEIGHT	0.955	1.010	0.281	0.303	0.272
80 (NKBPLGTH)	NECK-BUSTPOINT/THELION LENGTH		-0.575	-0.667	-0.823	-0.476
102 (SUPSTRHT)	SUPRASTERNALE HEIGHT			0.732	0.704	0.742
34 (CHSTCIRC)	CHEST CIRCUMFERENCE				0.090	0.115
101 (STRLGTH)	STRAP LENGTH					-0.207
S.E. OF ESTIMATE		18.408	13.558	10.699	9.765	9.274
ADJUSTED R-SQUARED		0.888	0.939	0.962	0.969	0.972

DEPENDENT VARIABLE: (39) CROTCH HEIGHT (CRCHHGHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		40.556	-13.212	-42.313	-0.321	-11.918
57 (GLUFURHT)	GLUTEAL FURROW HEIGHT	0.982	0.515	0.436	0.225	0.193
108 (TROCHHT)	TROCHANTERION HEIGHT		0.465	0.335	0.352	0.196
120 (WSTHOM)	WAIST HEIGHT, OMPHALION			0.204	0.417	0.468
41 (CRHLOM)	CROTCH LENGTH, OMPHALION				-0.179	-0.239
27 (BUTTKLTH)	BUTTOCK-KNEE LENGTH					0.267
S.E. OF ESTIMATE		12.896	11.196	10.531	9.065	8.248
ADJUSTED R-SQUARED		0.915	0.936	0.943	0.958	0.965

DEPENDENT VARIABLE: (40) CROTCH LENGTH, NATURAL INDENTATION (CRCHLNI)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		144.806	61.247	-32.090	15.800	-6.024
42 (CRLPNI)	CROTCH LENGTH, POSTERIOR NATURAL INDENTATION	1.578	1.118	0.735	0.661	0.240
121 (WSHTSTNI)	WAIST HEIGHT, SITTING, NATURAL INDENTATION		0.934	1.137	0.985	0.226
25 (BUTTDPTH)	BUTTOCK DEPTH			0.812	0.791	0.159
124 (WSNIWSOM)	WAIST, NATURAL INDENTATION -- WAIST OMPHALION				0.372	1.474
41 (CRHLOM)	CROTCH LENGTH, OMPHALION					0.753
S.E. OF ESTIMATE		26.811	22.883	17.852	16.861	10.137
ADJUSTED R-SQUARED		0.769	0.832	0.897	0.909	0.967

DEPENDENT VARIABLE: (41) CROTCH LENGTH, OMPHALION (CRHLOM)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		224.143	-48.165	-5.926	-6.731	-18.970
43 (CRLPOM)	CROTCH LENGTH, POSTERIOR OMPHALION	1.249	0.877	0.660	0.586	0.502
109 (VTCASCC)	VERTICAL TRUNK CIRCUMFERENCE (ASSC)		0.260	0.432	0.443	0.387
112 (WSTBLOM)	WAIST BACK LENGTH, OMPHALION			-0.526	-0.716	-0.680
90 (SCYEDPTH)	SCYE DEPTH				0.490	0.483
122 (WSHTSTOM)	WAIST HEIGHT, SITTING, OMPHALION					0.469
S.E. OF ESTIMATE		23.819	18.654	16.673	15.782	14.918
ADJUSTED R-SQUARED		0.635	0.776	0.821	0.840	0.857

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (42) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION (CRLPNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	18.707	-39.762	14.747	15.327	15.959
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION	0.487	0.403	0.529	0.512	0.372
43 (CRLPOM) CROTCH LENGTH, POSTERIOR OMPHALION		0.399	0.879	0.913	0.926
41 (CRHLOM) CROTCH LENGTH, OMPHALION			-0.489	-0.457	-0.330
123 (WSHIPLTH) WAIST-HIP LENGTH				-0.118	-0.105
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION					0.293
S.E. OF ESTIMATE	14.902	11.974	6.814	6.535	6.329
ADJUSTED R-SQUARED	0.769	0.851	0.952	0.956	0.958

DEPENDENT VARIABLE: (43) CROTCH LENGTH, POSTERIOR OMPHALION (CRLPOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-2.367	-30.588	-12.003	-12.646	-13.398
41 (CRHLOM) CROTCH LENGTH, OMPHALION	0.509	0.396	0.555	0.492	0.349
42 (CRLPNI) CROTCH LENGTH, POSTERIOR NATURAL INDENTATION		0.250	0.900	0.883	0.884
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION			-0.486	-0.454	-0.304
123 (WSHIPLTH) WAIST-HIP LENGTH				0.148	0.131
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION					-0.314
S.E. OF ESTIMATE	15.197	13.808	6.896	6.427	6.182
ADJUSTED R-SQUARED	0.635	0.699	0.925	0.935	0.940

DEPENDENT VARIABLE: (44) EAR BREADTH (EARBDTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	21.444	12.824	6.575	4.398	5.779
46 (EARLTRAG) EAR LENGTH ABOVE TRAGION	0.464	0.471	0.454	0.356	0.359
65 (HEELBRTH) HEEL BREADTH		0.134	0.089	0.083	0.058
16 (BITCHARC) BITRAGION CHIN ARC			0.032	0.029	0.018
45 (EARLGTH) EAR LENGTH				0.104	0.118
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					0.007
S.E. OF ESTIMATE	2.273	2.181	2.152	2.130	2.113
ADJUSTED R-SQUARED	0.185	0.250	0.269	0.284	0.295

DEPENDENT VARIABLE: (45) EAR LENGTH (EARLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	32.576	18.245	13.306	11.356	10.297
46 (EARLTRAG) EAR LENGTH ABOVE TRAGION	0.946	0.907	0.793	0.777	0.760
4 (ACRHTST) ACROMIAL HEIGHT, SITTING		0.028	0.027	0.022	0.021
44 (EARBDTH) EAR BREADTH			0.247	0.241	0.237
113 (WSTBRTH) WAIST BREADTH				0.020	0.018
47 (EARPROT) EAR PROTRUSION					0.119
S.E. OF ESTIMATE	3.045	2.941	2.888	2.840	2.818
ADJUSTED R-SQUARED	0.344	0.389	0.411	0.430	0.439

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (46) EAR LENGTH ABOVE TRAGION (EARLTRAG)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	6.964	2.812	6.006	10.611	11.614
45 (EARLGTH) EAR LENGTH	0.364	0.307	0.308	0.314	0.310
44 (EARBDTH) EAR BREADTH		0.218	0.250	0.245	0.248
65 (HEELBRTH) HEEL BREADTH			-0.069	-0.060	-0.048
17 (BITCOARC) BITRAGION CORONAL ARC				-0.016	-0.014
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					-0.003
S.E. OF ESTIMATE	1.890	1.822	1.793	1.783	1.777
ADJUSTED R-SQUARED	0.344	0.391	0.410	0.417	0.420

DEPENDENT VARIABLE: (47) EAR PROTRUSION (EARPROT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	2.752	13.230	5.823	8.686	8.274
61 (HEADBRTH) HEAD BREADTH	0.132	0.138	0.125	0.137	0.082
256 (ZYGB) ZYGION TO BACK OF HEAD		-0.009	-0.009	-0.008	-0.007
45 (EARLGTH) EAR LENGTH			0.166	0.178	0.171
16 (BITCHARC) BITRAGION CHIN ARC				-0.023	-0.040
22 (BIZBDTH) BIZYGOMATIC BREADTH					0.099
S.E. OF ESTIMATE	2.970	2.894	2.828	2.815	2.797
ADJUSTED R-SQUARED	0.046	0.094	0.135	0.143	0.154

DEPENDENT VARIABLE: (48) ELBOW CIRCUMFERENCE (ELBCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	33.870	-8.662	-8.502	-1.883	-13.692
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED	0.806	0.691	0.607	0.519	0.433
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)		0.048	0.036	0.034	0.027
72 (KNEECIRC) KNEE CIRCUMFERENCE			0.108	0.088	0.072
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED				0.092	0.111
127 (WRISCIRC) WRIST CIRCUMFERENCE					0.297
S.E. OF ESTIMATE	5.636	4.918	4.609	4.472	4.273
ADJUSTED R-SQUARED	0.823	0.865	0.881	0.888	0.898

DEPENDENT VARIABLE: (49) ELBOW REST HEIGHT (ELRHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-88.486	-249.203	-26.402	-21.423	-12.026
129 (WRISHTST) WRIST HEIGHT, SITTING	0.656	0.458	0.063	0.051	0.042
4 (ACRHTST) ACROMIAL HEIGHT, SITTING		0.457	0.926	0.936	0.963
92 (SHOUELLT) SHOULDER-ELBOW LENGTH			-0.885	-0.661	-0.621
5 (ACRDLGTH) ACROMION-RADIALE LENGTH				-0.256	-0.256
83 (NECKHTLT) NECK HEIGHT, LATERAL					-0.025
S.E. OF ESTIMATE	14.425	9.115	4.681	4.590	4.544
ADJUSTED R-SQUARED	0.710	0.884	0.969	0.971	0.971

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (50) EYE HEIGHT, SITTING (EYHTSIT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-54.228	8.318	5.277	-0.085	6.165
94 (SITTHGHT) SITTING HEIGHT	0.931	0.986	0.985	0.983	0.985
255 (TRAGT) TRAGION TO TOP OF HEAD		-0.089	-0.068	-0.070	-0.072
259 (ZYFRT) ZYGOFONTALE TO TOP OF HEAD			-0.023	-0.021	-0.021
105 (THGHCLR) THIGH CLEARANCE				0.057	0.056
46 (EARLTRAG) EAR LENGTH ABOVE TRAGION					-0.247
S.E. OF ESTIMATE	7.076	5.447	5.393	5.352	5.323
ADJUSTED R-SQUARED	0.955	0.973	0.974	0.974	0.974

DEPENDENT VARIABLE: (51) FOOT BREADTH, HORIZONTAL (FTBRHOR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	4.131	1.933	4.115	6.165	4.709
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE	0.383	0.344	0.353	0.366	0.364
65 (HEELBRTH) HEEL BREADTH		0.172	0.155	0.165	0.143
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT			-0.052	-0.045	-0.050
127 (WRISCIRC) WRIST CIRCUMFERENCE				-0.040	-0.055
60 (HANDLGTH) HAND LENGTH					0.033
S.E. OF ESTIMATE	2.379	2.273	2.258	2.250	2.237
ADJUSTED R-SQUARED	0.767	0.788	0.790	0.792	0.794

DEPENDENT VARIABLE: (52) FOOT LENGTH (FOOTLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	27.231	15.421	9.634	8.491	6.203
10 (BLFTLGTH) BALL OF FOOT LENGTH	1.211	0.985	0.907	0.891	0.895
60 (HANDLGTH) HAND LENGTH		0.290	0.258	0.170	0.165
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE			0.084	0.085	0.062
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH				0.165	0.166
51 (FTBRHOR) FOOT BREADTH, HORIZONTAL					0.104
S.E. OF ESTIMATE	3.854	3.416	3.334	3.291	3.270
ADJUSTED R-SQUARED	0.901	0.922	0.926	0.928	0.928

DEPENDENT VARIABLE: (53) FOREARM CIRCUMFERENCE, FLEXED (FCIRCFL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	10.354	18.274	29.684	9.584	6.765
48 (ELBCIRC) ELBOW CIRCUMFERENCE	1.021	0.819	0.890	0.790	0.796
12 (BICIRCFL) BICEPS CIRCUMFERENCE, FLEXED		0.143	0.164	0.176	0.164
66 (HIPBRTH) HIP BREADTH			-0.100	-0.093	-0.080
59 (HANDCIRC) HAND CIRCUMFERENCE				0.206	0.174
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					0.019
S.E. OF ESTIMATE	6.346	6.087	5.826	5.659	5.601
ADJUSTED R-SQUARED	0.823	0.837	0.851	0.859	0.862

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (54) FOREARM-FOREARM BREADTH (FORFORBR)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-67.027	39.024	34.920	6.986	0.271
13 (BIDLBDTH)	BIDELTOID BREADTH	1.238	1.582	1.182	1.069	0.939
11 (BCRMBDTH)	BIACROMIAL BREADTH		-0.703	-0.515	-0.503	-0.480
114 (WSCIRCNI)	WAIST CIRCUMFERENCE, NATURAL INDENTATION			0.150	0.121	0.076
48 (ELBCIRC)	ELBOW CIRCUMFERENCE				0.392	0.405
33 (CHSTBDTH)	CHEST BREADTH					0.300
S.E. OF ESTIMATE		20.432	18.121	17.144	16.804	16.521
ADJUSTED R-SQUARED		0.653	0.727	0.756	0.765	0.773

DEPENDENT VARIABLE: (55) FOREARM-HAND LENGTH (FORNDLG)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-6.736	-20.299	8.336	14.819	7.896
99 (SPAN)	SPAN	0.269	0.184	0.061	0.084	0.060
60 (HANDLGTH)	HAND LENGTH		0.861	0.898	0.863	0.829
88 (RASTL)	RADIALE-STYLION LENGTH			0.704	0.661	0.408
95 (SLLSPEL)	SLEEVE LENGTH: SPINE-ELBOW				-0.054	-0.386
97 (SLLSPWR)	SLEEVE LENGTH: SPINE-WRIST					0.363
S.E. OF ESTIMATE		8.229	6.768	4.750	4.688	4.204
ADJUSTED R-SQUARED		0.876	0.916	0.959	0.960	0.968

DEPENDENT VARIABLE: (56) FUNCTIONAL LEG LENGTH (FNCLEGLG)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		71.609	11.562	21.247	7.974	13.967
68 (ILCRSIT)	ILIOCRISTALE HEIGHT	0.951	0.577	0.312	0.369	0.317
27 (BUTTKLTH)	BUTTOCK-KNEE LENGTH		0.730	0.721	0.570	0.526
75 (LATFEMEP)	LATERAL FEMORAL EPICONDYLE HEIGHT			0.560	0.569	0.439
116 (WSTDEPTH)	WAIST DEPTH				0.200	0.200
26 (BUTTHGHT)	BUTTOCK HEIGHT					0.156
S.E. OF ESTIMATE		17.811	13.233	12.371	11.617	11.426
ADJUSTED R-SQUARED		0.869	0.928	0.937	0.944	0.946

DEPENDENT VARIABLE: (57) GLUTEAL FURROW HEIGHT (GLUFURHT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		25.717	-13.490	-14.615	-0.012	-16.817
39 (CRCHHGHT)	CROTCH HEIGHT	0.932	0.511	0.375	0.375	0.282
26 (BUTTHGHT)	BUTTOCK HEIGHT		0.433	0.410	0.417	0.351
87 (POPHGHT)	POPLITEAL HEIGHT			0.323	0.318	0.260
43 (CRLPOM)	CROTCH LENGTH, POSTERIOR OMPHALION				-0.061	-0.107
68 (ILCRSIT)	ILIOCRISTALE HEIGHT					0.183
S.E. OF ESTIMATE		12.562	10.869	10.425	10.317	10.054
ADJUSTED R-SQUARED		0.915	0.936	0.941	0.942	0.945

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (58) HAND BREADTH (HANDBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-0.112	0.754	0.079	-1.269	-0.816
59 (HANDCIRC) HAND CIRCUMFERENCE	0.427	0.445	0.433	0.431	0.440
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED		-0.016	-0.018	-0.017	-0.012
106 (THUMBBR) THUMB BREADTH			0.154	0.142	0.153
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION				0.005	0.006
127 (WRISCIRC) WRIST CIRCUMFERENCE					-0.027
S.E. OF ESTIMATE	1.027	1.009	0.997	0.989	0.984
ADJUSTED R-SQUARED	0.925	0.928	0.930	0.931	0.931

DEPENDENT VARIABLE: (59) HAND CIRCUMFERENCE (HANDCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	14.175	4.631	4.261	5.610	9.153
58 (HANDBRTH) HAND BREADTH	2.166	1.923	1.911	1.917	1.915
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.190	0.137	0.148	0.153
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED			0.037	0.040	0.040
90 (SCYEDPTH) SCYE DEPTH				-0.023	-0.021
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD					-0.003
S.E. OF ESTIMATE	2.313	2.113	2.077	2.055	2.044
ADJUSTED R-SQUARED	0.925	0.938	0.940	0.941	0.942

DEPENDENT VARIABLE: (60) HAND LENGTH (HANDLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	4.277	-1.661	-3.910	-3.332	-8.104
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH	1.041	0.808	0.717	0.729	0.713
55 (FORHDLG) FOREARM-HAND LENGTH		0.103	0.229	0.212	0.202
88 (RASTL) RADIALE-STYLION LENGTH			-0.157	-0.158	-0.149
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				0.015	0.014
59 (HANDCIRC) HAND CIRCUMFERENCE					0.055
S.E. OF ESTIMATE	2.909	2.647	2.517	2.441	2.413
ADJUSTED R-SQUARED	0.910	0.925	0.932	0.936	0.938

DEPENDENT VARIABLE: (61) HEAD BREADTH (HEADBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	61.690	35.649	27.469	35.518	20.570
22 (BIZBDTH) BIZYGOMATIC BREADTH	0.630	0.487	0.287	0.399	0.428
17 (BITCOARC) BITRAGION CORONAL ARC		0.133	0.136	0.137	0.096
215 (BTRBDTHH) BITRAGION BREADTH HEADBOARD			0.025	0.028	0.025
21 (BITSNARC) BITRAGION SUBNASAL ARC				-0.102	-0.135
62 (HEADCIRC) HEAD CIRCUMFERENCE					0.071
S.E. OF ESTIMATE	3.780	3.443	3.344	3.211	3.126
ADJUSTED R-SQUARED	0.414	0.514	0.541	0.577	0.599

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (62) HEAD CIRCUMFERENCE (HEADCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	193.908	46.510	38.975	34.120	20.367
63 (HEADLGTH) HEAD LENGTH	1.882	1.763	1.650	1.204	0.965
61 (HEADBRTH) HEAD BREADTH		1.174	0.895	0.877	0.737
17 (BITCOARC) BITRAGION CORONAL ARC			0.205	0.196	0.173
234 (FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD				0.057	0.079
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD					0.048
S.E. OF ESTIMATE	8.301	5.990	5.619	5.281	4.921
ADJUSTED R-SQUARED	0.679	0.833	0.853	0.870	0.887

DEPENDENT VARIABLE: (63) HEAD LENGTH (HEADLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	12.521	-0.349	4.345	3.357	2.936
236 (GLABX) GLABELLA TO BACK OF HEAD	0.091	0.080	0.076	0.081	0.079
62 (HEADCIRC) HEAD CIRCUMFERENCE		0.064	0.095	0.097	0.085
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD			-0.011	-0.011	-0.014
256 (ZYGB) ZYGION TO BACK OF HEAD				-0.007	-0.005
19 (BITFRARC) BITRAGION FRONTAL ARC					0.039
S.E. OF ESTIMATE	2.061	1.990	1.924	1.887	1.871
ADJUSTED R-SQUARED	0.897	0.904	0.910	0.913	0.915

DEPENDENT VARIABLE: (64) HEEL ANKLE CIRCUMFERENCE (HLAKCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	64.054	50.496	15.942	3.078	-9.579
52 (FOOTLGTH) FOOT LENGTH	0.985	0.710	0.598	0.407	0.380
65 (HEELBRTH) HEEL BREADTH		1.284	1.183	1.162	1.095
6 (ANKLCIRC) ANKLE CIRCUMFERENCE			0.332	0.328	0.242
74 (KNEEHTS) KNEE HEIGHT, SITTING				0.120	0.104
127 (WRISCIRC) WRIST CIRCUMFERENCE					0.326
S.E. OF ESTIMATE	8.833	7.145	6.154	5.812	5.607
ADJUSTED R-SQUARED	0.650	0.771	0.830	0.849	0.859

DEPENDENT VARIABLE: (65) HEEL BREADTH (HEELBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-8.897	-7.457	-1.380	3.355	1.326
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE	0.236	0.197	0.217	0.245	0.229
223 (NOSEBRTH) NOSE BREADTH HEADBOARD		0.030	0.024	0.023	0.020
76 (LATMALHT) LATERAL MALLEOLUS HEIGHT			-0.163	-0.133	-0.123
120 (WSTHOM) WAIST HEIGHT, OMPHALION				-0.015	-0.031
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH					0.038
S.E. OF ESTIMATE	3.293	3.019	2.912	2.855	2.787
ADJUSTED R-SQUARED	0.534	0.608	0.635	0.649	0.666

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (66) HIP BREADTH (HIPBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	13.448	-3.001	1.697	-5.732	-2.096
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	0.341	0.449	0.329	0.389	0.361
25 (BUTDPTH) BUTTOCK DEPTH		-0.390	-0.363	-0.264	-0.318
67 (HIPBRST) HIP BREADTH, SITTING			0.275	0.318	0.292
104 (THGHCIRC) THIGH CIRCUMFERENCE				-0.155	-0.134
113 (WSTBRTH) WAIST BREADTH					0.116
S.E. OF ESTIMATE	9.067	7.614	6.944	6.442	6.067
ADJUSTED R-SQUARED	0.836	0.885	0.904	0.917	0.927

## DEPENDENT VARIABLE: (67) HIP BREADTH, SITTING (HIPBRST)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-13.049	-19.820	-5.321	10.443	5.250
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	0.411	0.240	0.027	0.060	0.059
66 (HIPBRTH) HIP BREADTH		0.504	0.694	0.611	0.600
104 (THGHCIRC) THIGH CIRCUMFERENCE			0.217	0.305	0.264
105 (THGHLR) THIGH CLEARANCE				-0.439	-0.453
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE					0.094
S.E. OF ESTIMATE	11.413	10.462	9.797	9.324	9.227
ADJUSTED R-SQUARED	0.825	0.853	0.871	0.883	0.885

## DEPENDENT VARIABLE: (68) ILIOCRISTALE HEIGHT (ILCRST)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	56.882	45.069	-6.771	5.715	9.850
120 (WSTHOM) WAIST HEIGHT, OMPHALION	0.949	0.558	0.620	0.548	0.554
108 (TROCHHT) TROCHANTERION HEIGHT		0.460	0.384	0.190	0.222
113 (WSTBRTH) WAIST BREADTH			0.195	0.220	0.335
39 (CRCHGHT) CROTCH HEIGHT				0.282	0.251
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION					-0.064
S.E. OF ESTIMATE	13.501	10.700	9.278	8.680	8.410
ADJUSTED R-SQUARED	0.922	0.951	0.963	0.968	0.970

## DEPENDENT VARIABLE: (69) INTERPUPILLARY BREADTH (INPUPBTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	28.012	6.011	8.397	0.675	-0.755
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD	0.051	0.035	0.031	0.029	0.028
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD		0.029	0.025	0.021	0.015
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			0.013	0.014	0.013
19 (BITFRARC) BITRAGION FRONTAL ARC				0.047	0.043
214 (BIOCBRMH) BIOCULAR BREADTH MAXIMUM HEADBOARD					0.009
S.E. OF ESTIMATE	2.500	2.103	2.042	2.007	1.991
ADJUSTED R-SQUARED	0.518	0.659	0.678	0.689	0.694



## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (70) INTERSCYE 1 (INSCYE1)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-23.732	11.874	-27.016	3.581	23.394
71 (INSCYE2)	INTERSCYE 2	0.999	1.112	0.972	1.004	1.007
93 (SHOULGTH)	SHOULDER LENGTH		-0.539	-0.466	-0.218	-0.207
35 (CHSTCISC)	CHEST CIRCUMFERENCE AT SCYE			0.091	0.110	0.111
11 (BCRMBDTH)	BIACROMIAL BREADTH				-0.262	-0.195
99 (SPAN)	SPAN					-0.029
S.E. OF ESTIMATE		11.240	9.982	9.250	8.793	8.583
ADJUSTED R-SQUARED		0.821	0.859	0.879	0.890	0.895

DEPENDENT VARIABLE: (71) INTERSCYE 2 (INSCYE2)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		86.940	-15.578	-11.398	-26.403	-18.906
70 (INSCYE1)	INTERSCYE 1	0.822	0.728	0.731	0.730	0.782
11 (BCRMBDTH)	BIACROMIAL BREADTH		0.373	0.227	0.184	0.220
93 (SHOULGTH)	SHOULDER LENGTH			0.331	0.334	0.286
74 (KNEHTSI)	KNEE HEIGHT, SITTING				0.060	0.069
35 (CHSTCISC)	CHEST CIRCUMFERENCE AT SCYE					-0.042
S.E. OF ESTIMATE		10.194	8.234	7.833	7.712	7.568
ADJUSTED R-SQUARED		0.821	0.883	0.894	0.897	0.901

DEPENDENT VARIABLE: (72) KNEE CIRCUMFERENCE (KNEECIRC)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		57.558	15.690	5.738	12.829	7.268
77 (LOTHCIRC)	LOWER THIGH CIRCUMFERENCE	0.815	0.790	0.771	0.774	0.773
73 (KNEHTMP)	KNEE HEIGHT, MIDPATELLA		0.112	0.099	0.102	0.101
127 (WRISCIRC)	WRIST CIRCUMFERENCE			0.151	0.170	0.167
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD				-0.011	-0.023
222 (MINFRONH)	MINIMUM FRONTAL BREADTH HEADBOARD					0.019
S.E. OF ESTIMATE		6.164	5.477	5.421	5.394	5.357
ADJUSTED R-SQUARED		0.930	0.945	0.946	0.946	0.947

DEPENDENT VARIABLE: (73) KNEE HEIGHT, MIDPATELLA (KNEHTMP)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-11.707	-26.371	-12.878	-7.853	-10.469
75 (LATFEMEP)	LATERAL FEMORAL EPICONDYLE HEIGHT	1.020	0.642	0.468	0.522	0.523
74 (KNEHTSI)	KNEE HEIGHT, SITTING		0.367	0.559	0.742	0.715
77 (LOTHCIRC)	LOWER THIGH CIRCUMFERENCE			-0.086	-0.159	-0.279
87 (POPHGHT)	POPLITEAL HEIGHT				-0.248	-0.238
72 (KNEECIRC)	KNEE CIRCUMFERENCE					0.158
S.E. OF ESTIMATE		6.609	6.165	5.862	5.716	5.650
ADJUSTED R-SQUARED		0.936	0.944	0.950	0.952	0.953

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (74) KNEE HEIGHT, SITTING (KNEEHTSI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	39.979	7.002	-5.659	-1.756	-2.810
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT	1.031	0.994	0.521	0.227	0.167
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE		0.133	0.232	0.228	0.226
87 (POPHGHT) POPLITEAL HEIGHT			0.497	0.458	0.410
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA				0.324	0.282
39 (CRCHHGHT) CROTCH HEIGHT					0.087
S.E. OF ESTIMATE	6.503	5.445	4.332	3.777	3.575
ADJUSTED R-SQUARED	0.939	0.957	0.973	0.979	0.982

DEPENDENT VARIABLE: (75) LATERAL FEMORAL EPICONDYLE HEIGHT (LATFEMEP)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-8.293	5.940	10.063	1.629	1.504
74 (KNEEHTSI) KNEE HEIGHT, SITTING	0.911	0.483	0.401	0.279	0.269
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA		0.449	0.341	0.319	0.321
87 (POPHGHT) POPLITEAL HEIGHT			0.226	0.252	0.257
56 (FNCLEGLG) FUNCTIONAL LEG LENGTH				0.070	0.110
28 (BUTTPLTH) BUTTOCK-POPLITEAL LENGTH					-0.079
S.E. OF ESTIMATE	6.111	5.156	4.716	4.533	4.429
ADJUSTED R-SQUARED	0.939	0.957	0.964	0.966	0.968

DEPENDENT VARIABLE: (76) LATERAL MALLEOLUS HEIGHT (LATMALHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	12.110	21.113	19.790	25.037	17.866
128 (WRISHGHT) WRIST HEIGHT	0.061	0.058	0.040	0.045	0.041
223 (NOSEBRTH) NOSE BREADTH HEADBOARD		-0.019	-0.027	-0.020	-0.027
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA			0.041	0.066	0.057
10 (BLFTLGTH) BALL OF FOOT LENGTH				-0.128	-0.239
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE					0.118
S.E. OF ESTIMATE	4.753	4.673	4.614	4.538	4.419
ADJUSTED R-SQUARED	0.199	0.225	0.245	0.270	0.307

DEPENDENT VARIABLE: (77) LOWER THIGH CIRCUMFERENCE (LOTHCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-39.328	-40.178	-7.498	-16.554	-21.830
72 (KNEECIRC) KNEE CIRCUMFERENCE	1.142	0.956	1.014	0.950	0.918
104 (THGHCIRC) THIGH CIRCUMFERENCE		0.118	0.106	0.093	0.094
73 (KNEEHTMP) KNEE HEIGHT, MIDPATELLA			-0.102	-0.096	-0.267
29 (CALFCIRC) CALF CIRCUMFERENCE				0.107	0.101
74 (KNFFHTSI) KNEE HEIGHT, SITTING					0.186
S.E. OF ESTIMATE	7.297	6.600	6.115	5.934	5.822
ADJUSTED R-SQUARED	0.930	0.943	0.951	0.954	0.956

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (78) MENTON-SELLION LENGTH (MENSELL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	8.245	3.613	0.949	-0.470	-3.290
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.093	0.091	0.090	0.090	0.089
256 (ZYGB) ZYGION TO BACK OF HEAD		0.005	0.004	0.004	0.004
106 (THUMBBR) THUMB BREADTH			0.219	0.182	0.173
44 (EARBOTH) EAR BREADTH				0.082	0.083
229 (CHEILT) CHEILION TO TOP OF HEAD					0.003
S.E. OF ESTIMATE	2.222	2.193	2.177	2.169	2.163
ADJUSTED R-SQUARED	0.861	0.865	0.867	0.868	0.869

## DEPENDENT VARIABLE: (79) MIDSHOULDER HEIGHT, SITTING (MSHTSIT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	61.047	20.880	-2.210	-4.257	-7.876
4 (ACRHTST) ACROMIAL HEIGHT, SITTING	0.941	0.618	0.614	0.609	0.550
32 (CERVSIT) CERVICALE HEIGHT SITTING		0.349	0.354	0.337	0.409
21 (BITSNARC) BITRAGION SUBNASAL ARC			0.082	0.060	0.065
83 (NECKHTLT) NECK HEIGHT, LATERAL				0.015	0.246
31 (CERVHGT) CERVICALE HEIGHT					-0.236
S.E. OF ESTIMATE	6.266	4.088	3.975	3.933	3.601
ADJUSTED R-SQUARED	0.949	0.978	0.979	0.980	0.983

## DEPENDENT VARIABLE: (80) NECK-BUSTPOINT/THELION LENGTH (NKBPLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-38.133	-2.178	5.706	-17.603	-16.004
101 (STRLGTH) STRAP LENGTH	0.451	0.484	0.497	0.497	0.493
81 (NECKCIRC) NECK CIRCUMFERENCE		-0.184	-0.150	-0.117	-0.128
71 (INSCYE 2) INTERSCYE 2			-0.073	-0.136	-0.315
93 (SHOULGTH) SHOULDER LENGTH				0.252	0.338
70 (INSCYE 1) INTERSCYE 1					0.168
S.E. OF ESTIMATE	7.857	7.491	7.349	6.958	6.759
ADJUSTED R-SQUARED	0.876	0.887	0.891	0.903	0.908

## DEPENDENT VARIABLE: (81) NECK CIRCUMFERENCE (NECKCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	25.155	29.888	9.068	-10.188	1.452
82 (NECK RCB) NECK CIRCUMFERENCE, BASE	0.839	0.726	0.680	0.662	0.684
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION		0.048	0.039	0.038	0.035
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC			0.156	0.155	0.167
17 (BITC ARC) BITRAGION CORONAL ARC				0.079	0.086
85 (OVHF HE) OVERHEAD FINGERTIP REACH, EXTENDED					-0.011
S.E. OF ESTIMATE	6.773	6.351	6.146	6.072	6.000
ADJUSTED R-SQUARED	0.804	0.827	0.838	0.842	0.846

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (82) NECK CIRCUMFERENCE, BASE (NECKCRCB)

INDEPENDENT VARIABLE	1	2	3	4	5
INTERCEPT	43.832	8.211	6.532	11.283	6.550
81 (NECKCIRC) NECK CIRCUMFERENCE	0.958	0.913	0.867	0.868	0.863
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING		0.038	0.033	0.038	0.019
91 (SHOUCIRC) SHOULDER CIRCUMFERENCE			0.022	0.027	0.029
118 (WSTFRLOM) WAIST FRONT LENGTH, OMPHALION				-0.045	-0.054
100 (STATURE) STATURE					0.020
S.E. OF ESTIMATE	7.235	6.960	6.916	6.861	6.838
ADJUSTED R-SQUARED	0.804	0.818	0.821	0.823	0.825

DEPENDENT VARIABLE: (83) NECK HEIGHT, LATERAL (NECKHRTL)

INDEPENDENT VARIABLE	1	2	3	4	5
INTERCEPT	19.776	9.711	13.631	-1.270	-21.496
31 (CERVHGHT) CERVICALE HEIGHT	0.978	0.580	0.478	0.372	0.285
102 (SUPSTRHT) SUPRASTERNAL HEIGHT		0.429	0.314	0.266	0.189
3 (ACRHGHT) ACROMIAL HEIGHT			0.219	0.356	0.344
93 (SHOULGTH) SHOULDER LENGTH				0.310	0.298
100 (STATURE) STATURE					0.161
S.E. OF ESTIMATE	7.633	6.122	5.520	4.837	4.584
ADJUSTED R-SQUARED	0.983	0.989	0.991	0.993	0.994

DEPENDENT VARIABLE: (84) OVERHEAD FINGERTIP REACH (OVHDFTRH)

INDEPENDENT VARIABLE	1	2	3	4	5
INTERCEPT	-6.866	-9.843	-10.712	-35.907	-28.242
85 (OVHFRHE) OVERHEAD FINGERTIP REACH, EXTENDED	0.961	0.844	0.761	0.694	0.695
103 (TENRIBHT) TENTH RIB HEIGHT		0.243	0.255	0.139	0.146
99 (SPAN) SPAN			0.099	0.125	0.144
31 (CERVHGHT) CERVICALE HEIGHT				0.176	0.178
52 (FOOTLGTH) FOOT LENGTH					-0.209
S.E. OF ESTIMATE	14.678	14.072	13.644	13.340	13.248
ADJUSTED R-SQUARED	0.975	0.977	0.978	0.979	0.979

DEPENDENT VARIABLE: (85) OVERHEAD FINGERTIP REACH, EXTENDED (OVHFRHE)

INDEPENDENT VARIABLE	1	2	3	4	5
INTERCEPT	61.237	30.240	30.508	19.600	28.278
84 (OVHDFTRH) OVERHEAD FINGERTIP REACH	1.015	0.927	0.816	0.796	0.797
86 (OVHDFRHS) OVERHEAD FINGERTIP REACH, SITTING		0.160	0.190	0.184	0.188
120 (WSTHOM) WAIST HEIGHT, OMPHALION			0.192	0.187	0.187
52 (FOOTLGTH) FOOT LENGTH				0.265	0.426
64 (HLAKCIRC) HEEL ANKLE CIRCUMFERENCE					-0.181
S.E. OF ESTIMATE	15.088	14.620	14.233	14.064	13.978
ADJUSTED R-SQUARED	0.975	0.976	0.978	0.978	0.978

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (86) OVERHEAD FINGERTIP REACH, SITTING (OVHDFRHS)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	168.653	61.473	19.292	15.375	-10.474
85 (OVHFRHE) OVERHEAD FINGERTIP REACH, EXTENDED	0.538	0.470	0.272	0.427	0.425
32 (CERVSIT) CERVICAL HEIGHT SITTING		0.402	0.554	0.534	0.403
99 (SPAN) SPAN			0.223	0.236	0.234
68 (ILCRSIT) ILIOCRISTALE HEIGHT				-0.342	-0.350
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)					0.081
S.E. OF ESTIMATE	22.701	20.331	19.183	18.202	17.849
ADJUSTED R-SQUARED	0.835	0.868	0.882	0.894	0.898

DEPENDENT VARIABLE: (87) POPLITEAL HEIGHT (POPHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-23.648	25.474	20.301	17.713	29.429
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT	0.896	0.952	0.218	0.312	0.310
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE		-0.198	-0.297	-0.314	-0.302
74 (KNEENTSI) KNEE HEIGHT, SITTING			0.739	0.851	0.875
73 (KNEENTMP) KNEE HEIGHT, MIDPATELLA				-0.201	-0.209
65 (HEELBRTH) HEEL BREADTH					-0.239
S.E. OF ESTIMATE	8.492	6.638	5.282	5.150	5.058
ADJUSTED R-SQUARED	0.872	0.922	0.950	0.953	0.955

DEPENDENT VARIABLE: (88) RADIALE-STYLION LENGTH (RASTL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-28.106	-16.121	-23.432	-15.545	-21.317
55 (FORHDLG) FOREARM-HAND LENGTH	0.613	0.862	0.684	0.636	0.603
60 (HANDLGTH) HAND LENGTH		-0.678	-0.569	-0.520	-0.498
98 (SLOUTSM) SLEEVE OUTSEAM			0.121	0.254	0.235
5 (ACRDLGTH) ACROMION-RADIALE LENGTH				-0.218	-0.244
133 (WRWALLEX) WRIST-WALL LENGTH, EXTENDED					0.051
S.E. OF ESTIMATE	5.812	4.960	4.659	4.466	4.379
ADJUSTED R-SQUARED	0.859	0.897	0.909	0.916	0.920

DEPENDENT VARIABLE: (89) SCYE CIRCUMFERENCE (SCYECIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	144.411	14.353	31.423	14.667	-0.666
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE	0.778	0.734	0.630	0.475	0.445
3 (ACRHGHT) ACROMIAL HEIGHT		0.107	0.911	0.847	0.828
7 (AXHGHT) AXILLA HEIGHT			-0.858	-0.806	-0.804
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE				0.093	0.084
127 (WRISCIRC) WRIST CIRCUMFERENCE					0.365
S.E. OF ESTIMATE	13.033	11.515	9.541	9.169	8.986
ADJUSTED R-SQUARED	0.680	0.751	0.829	0.842	0.848

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (90) SCYE DEPTH (SCYEDPTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	28.370	-15.201	-42.220	-21.159	-12.283
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION	0.356	0.326	0.294	0.400	0.314
41 (CRHLOM) CROTCH LENGTH, OMPHALION		0.093	0.088	0.138	0.115
93 (SHOULGTH) SHOULDER LENGTH			0.307	0.294	0.204
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING				-0.165	-0.484
32 (CERVSIT) CERVICAL HEIGHT SITTING					0.385
S.E. OF ESTIMATE	11.428	10.847	10.361	9.950	9.438
ADJUSTED R-SQUARED	0.370	0.432	0.482	0.522	0.570

DEPENDENT VARIABLE: (91) SHOULDER CIRCUMFERENCE (SHOUCIRC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	102.736	94.563	60.851	80.621	40.683
13 (BIDLBDTH) BIDELOID BREADTH	2.136	1.311	1.175	0.999	0.929
35 (CHSTCISC) CHEST CIRCUMFERENCE AT SCYE		0.412	0.447	0.362	0.350
93 (SHOULGTH) SHOULDER LENGTH			0.421	0.566	0.508
8 (AXARCIRC) AXILLARY ARM CIRCUMFERENCE				0.382	0.437
108 (TROCHHT) TROCHANTERION HEIGHT					0.085
S.E. OF ESTIMATE	19.601	15.906	15.343	14.558	14.144
ADJUSTED R-SQUARED	0.859	0.907	0.914	0.922	0.926

DEPENDENT VARIABLE: (92) SHOULDER-ELBOW LENGTH (SHOUELLT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	18.534	6.730	14.331	4.958	4.856
5 (ACRDLGTH) ACROMION-RADIALE LENGTH	1.017	0.935	0.916	0.858	0.824
95 (SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW		0.070	0.106	0.095	0.098
13 (BIDLBDTH) BIDELOID BREADTH			-0.049	-0.052	-0.052
3 (ACRHGHT) ACROMIAL HEIGHT				0.026	0.022
88 (RASTL) RADIALE-STYLION LENGTH					0.060
S.E. OF ESTIMATE	3.840	3.696	3.590	3.482	3.432
ADJUSTED R-SQUARED	0.951	0.955	0.957	0.960	0.961

DEPENDENT VARIABLE: (93) SHOULDER LENGTH (SHOULGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-13.967	16.256	14.180	18.606	20.104
11 (BCRMBDTH) BIACROMIAL BREADTH	0.437	0.499	0.465	0.458	0.396
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE		-0.152	-0.183	-0.112	-0.131
90 (SCYEDPTH) SCYE DEPTH			0.135	0.164	0.158
89 (SCYECIRC) SCYE CIRCUMFERENCE				-0.085	-0.112
71 (INSCYE2) INTERSCYE 2					0.103
S.E. OF ESTIMATE	7.695	7.364	7.166	7.018	6.773
ADJUSTED R-SQUARED	0.495	0.537	0.562	0.580	0.609

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (94) SITTING HEIGHT (SITTHGHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	94.199	7.467	15.747	20.009	12.808
50 (EYHTSIT) EYE HEIGHT, SITTING	1.026	0.985	0.769	0.746	0.720
255 (TRAGT) TRAGION TO TOP OF HEAD		0.095	0.083	0.082	0.081
32 (CERVSIT) CERVICAL HEIGHT SITTING			0.263	0.304	0.309
90 (SCYEDPTH) SCYE DEPTH				-0.063	-0.074
100 (STATURE) STATURE					0.017
S.E. OF ESTIMATE	7.428	5.442	4.732	4.678	4.629
ADJUSTED R-SQUARED	0.955	0.976	0.982	0.982	0.982

DEPENDENT VARIABLE: (95) SLEEVE LENGTH: SPINE-ELBOW (SLLSPEL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	26.209	-4.154	9.516	6.575	8.521
97 (SLLSPWR) SLEEVE LENGTH: SPINE-WRIST	0.633	0.911	0.960	0.962	0.948
88 (RASTL) RADIALE-STYLION LENGTH		-0.797	-0.479	-0.335	-0.306
55 (FORHDLG) FOREARM-HAND LENGTH			-0.293	-0.517	-0.502
60 (HANDLGTH) HAND LENGTH				0.361	0.389
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.027
S.E. OF ESTIMATE	9.151	5.830	5.325	5.145	5.025
ADJUSTED R-SQUARED	0.863	0.944	0.954	0.957	0.959

DEPENDENT VARIABLE: (96) SLEEVE LENGTH: SPINE-SCYE (SLLSPSC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	15.447	31.942	20.794	27.471	19.420
95 (SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW	0.359	0.682	0.606	0.613	0.589
92 (SHOUELT) SHOULDER-ELBOW LENGTH		-0.566	-0.519	-0.411	-0.395
71 (INSCYE2) INTERSCYE 2			0.097	0.109	0.086
133 (WRWALLEX) WRIST-WALL LENGTH, EXTENDED				-0.076	-0.075
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST					0.030
S.E. OF ESTIMATE	9.308	7.318	7.062	6.911	6.788
ADJUSTED R-SQUARED	0.477	0.676	0.699	0.711	0.722

DEPENDENT VARIABLE: (97) SLEEVE LENGTH: SPINE-WRIST (SLLSPWR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	74.575	-6.115	9.734	11.388	3.666
95 (SLLSPEL) SLEEVE LENGTH: SPINE-ELBOW	1.363	0.968	0.962	0.964	0.950
55 (FORHDLG) FOREARM-HAND LENGTH		0.661	0.353	0.573	0.572
88 (RASTL) RADIALE-STYLION LENGTH			0.510	0.364	0.376
60 (HANDLGTH) HAND LENGTH				-0.361	-0.395
53 (FCIRCFL) FOREARM CIRCUMFERENCE, FLEXED					0.077
S.E. OF ESTIMATE	13.426	6.097	5.331	5.151	5.045
ADJUSTED R-SQUARED	0.863	0.972	0.978	0.980	0.981

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (98) SLEEVE OUTSEAM (SLOUTSM)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-31.363	-42.037	-14.629	-7.402	-4.420
99 (SPAN) SPAN	0.346	0.190	0.063	0.065	0.079
5 (ACRDLGTH) ACROMION-RADIALE LENGTH		0.870	0.934	0.946	0.917
88 (RASTL) RADIALE-STYLION LENGTH			0.679	0.664	0.638
33 (CHSTBDTH) CHEST BREADTH				-0.040	-0.038
93 (SHOULGTH) SHOULDER LENGTH					-0.078
S.E. OF ESTIMATE	11.145	8.612	7.265	7.228	7.194
ADJUSTED R-SQUARED	0.864	0.919	0.942	0.943	0.943

## DEPENDENT VARIABLE: (99) SPAN (SPAN)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	229.323	86.958	-46.447	-25.973	-51.560
55 (FORMDLG) FOREARM-HAND LENGTH	3.257	2.219	2.042	1.735	1.606
92 (SHOUELLT) SHOULDER-ELBOW LENGTH		1.793	1.700	1.094	0.838
11 (BCRMBDTH) BIACROMIAL BREADTH			0.670	0.680	0.595
98 (SLOUTSM) SLEEVE OUTSEAM				0.577	0.545
85 (OVHFRHE) OVERHEAD FINGERTIP REACH, EXTENDED					0.100
S.E. OF ESTIMATE	28.634	20.844	18.123	17.374	16.943
ADJUSTED R-SQUARED	0.876	0.934	0.950	0.954	0.957

## DEPENDENT VARIABLE: (100) STATURE (STATURE)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	127.458	64.664	36.982	34.123	35.402
83 (NECKHTLT) NECK HEIGHT, LATERAL	1.076	0.978	0.996	0.675	0.478
94 (SITTHGHT) SITTING HEIGHT		0.233	0.554	0.521	0.509
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING			-0.463	-0.390	-0.380
102 (SUPSTRHT) SUPRASTERNAL HEIGHT				0.328	0.308
31 (CERVNGHT) CERVICAL HEIGHT					0.217
S.E. OF ESTIMATE	9.897	8.004	6.516	5.942	5.706
ADJUSTED R-SQUARED	0.976	0.984	0.990	0.991	0.992

## DEPENDENT VARIABLE: (101) STRAP LENGTH (STRLGTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	158.305	20.755	-1.445	37.974	18.553
80 (NKBPLGTH) NECK-BUSTPOINT/THELION LENGTH	1.942	1.791	1.740	1.762	1.773
82 (NECKCRCB) NECK CIRCUMFERENCE, BASE		0.514	0.393	0.341	0.260
71 (INSCYE2) INTERSCYE 2			0.207	0.313	0.282
93 (SHOULGTH) SHOULDER LENGTH				-0.466	-0.710
11 (BCRMBDTH) BIACROMIAL BREADTH					0.253
S.E. OF ESTIMATE	16.300	14.373	13.744	13.023	12.753
ADJUSTED R-SQUARED	0.876	0.903	0.912	0.921	0.924



# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (102) SUPRASTERNAL HEIGHT (SUPSTRHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	7.486	20.234	-15.923	-14.111	-14.477
83 (NECKHTLT) NECK HEIGHT, LATERAL	0.947	0.784	0.445	0.465	0.507
103 (TENRIBHT) TENTH RIB HEIGHT		0.206	0.232	0.186	0.205
100 (STATURE) STATURE			0.296	0.327	0.274
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION				-0.091	-0.188
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION					0.149
S.E. OF ESTIMATE	8.579	7.993	7.448	7.213	6.877
ADJUSTED R-SQUARED	0.977	0.980	0.982	0.983	0.985

## DEPENDENT VARIABLE: (103) TENTH RIB HEIGHT (TENRIBHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-62.084	-11.121	-2.675	7.571	9.985
102 (SUPSTRHT) SUPRASTERNAL HEIGHT	0.832	0.438	0.330	0.345	0.271
120 (WSTHOM) WAIST HEIGHT, OMPHALION		0.482	0.404	0.300	0.276
119 (WSTHNI) WAIST HEIGHT, NATURAL INDENTATION			0.199	0.316	0.308
121 (WSTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION				-0.184	-0.178
38 (CHSTHGHT) CHEST HEIGHT					0.108
S.E. OF ESTIMATE	14.207	11.650	11.077	10.752	10.577
ADJUSTED R-SQUARED	0.915	0.943	0.948	0.951	0.953

## DEPENDENT VARIABLE: (104) THIGH CIRCUMFERENCE (THGHCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-78.443	-99.758	-105.601	-95.351	-85.182
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	0.681	0.506	0.393	0.589	0.479
105 (THGHCLR) THIGH CLEARANCE		1.200	0.944	0.748	0.879
77 (LOTHCIRC) LOWER THIGH CIRCUMFERENCE			0.414	0.399	0.297
66 (HIPBRTH) HIP BREADTH				-0.476	-0.718
67 (HIPBRST) HIP BREADTH, SITTING					0.511
S.E. OF ESTIMATE	18.682	15.802	14.363	13.810	12.849
ADJUSTED R-SQUARED	0.828	0.877	0.898	0.906	0.919

## DEPENDENT VARIABLE: (105) THIGH CLEARANCE (THGHCLR)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	32.274	45.998	64.175	76.349	63.516
104 (THGHCIRC) THIGH CIRCUMFERENCE	0.218	0.299	0.238	0.226	0.231
67 (HIPBRST) HIP BREADTH, SITTING		-0.158	-0.189	-0.179	-0.187
125 (WEIGHT) WEIGHT			0.047	0.057	0.050
90 (SCYEDPTH) SCYE DEPTH				-0.082	-0.084
122 (WSTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.078
S.E. OF ESTIMATE	7.038	6.660	6.415	6.337	6.253
ADJUSTED R-SQUARED	0.661	0.697	0.719	0.725	0.733

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (106) THUMB BREADTH (THUMBBR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	5.387	3.291	1.793	1.152	1.955
58 (HANDBRTH) HAND BREADTH	0.192	0.139	0.132	0.124	0.128
127 (WRISCIRC) WRIST CIRCUMFERENCE		0.042	0.040	0.039	0.039
44 (EARBDTH) EAR BREADTH			0.069	0.059	0.058
217 (LIPLGTH) LIP LENGTH HEADBOARD				0.003	0.004
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					-0.003
S.E. OF ESTIMATE	1.023	1.002	0.987	0.979	0.971
ADJUSTED R-SQUARED	0.332	0.359	0.378	0.388	0.398

DEPENDENT VARIABLE: (107) THUMB TIP REACH (THMBTPR)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	42.057	5.883	5.560	3.829	1.171
132 (WRWALLN) WRIST-WALL LENGTH	1.117	1.002	0.970	0.952	0.950
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		0.913	0.791	0.792	0.749
55 (FORHDLG) FOREARM-HAND LENGTH			0.079	0.069	0.053
5 (ACRDLGTH) ACROMION-RADIALE LENGTH				0.056	0.055
52 (FOOTLGTH) FOOT LENGTH					0.063
S.E. OF ESTIMATE	6.630	4.523	4.457	4.431	4.412
ADJUSTED R-SQUARED	0.967	0.985	0.985	0.985	0.985

DEPENDENT VARIABLE: (108) TROCHANTERION HEIGHT (TROCHHT)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	47.811	0.339	16.745	10.648	26.220
26 (BUTTHGHT) BUTTOCK HEIGHT	0.971	0.658	0.545	0.510	0.519
68 (ILCRSIT) ILIOCRISTALE HEIGHT		0.314	0.211	0.145	0.143
39 (CRCHGHT) CROTCH HEIGHT			0.232	0.192	0.168
74 (KNEEHTSI) KNEE HEIGHT, SITTING				0.256	0.299
106 (THUMBBR) THUMB BREADTH					-1.232
S.E. OF ESTIMATE	11.029	9.658	9.246	9.026	8.913
ADJUSTED R-SQUARED	0.941	0.954	0.958	0.960	0.961

DEPENDENT VARIABLE: (109) VERTICAL TRUNK CIRCUMFERENCE (ASSC) (VTCASCC)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	29.192	27.744	4.054	13.212	16.440
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)	0.954	0.910	0.822	0.781	0.729
34 (CHSTCIRC) CHEST CIRCUMFERENCE		0.075	0.111	0.077	0.073
79 (MSHTSIT) MIDSHOULDER HEIGHT, SITTING			0.215	0.293	0.308
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING				0.177	0.190
41 (CRHLOM) CROTCH LENGTH, OMPHALION					0.112
S.E. OF ESTIMATE	14.356	13.872	13.482	13.169	12.829
ADJUSTED R-SQUARED	0.955	0.958	0.960	0.962	0.964

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (110) VERTICAL TRUNK CIRCUMFERENCE (USA) (VTCUSA)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	39.858	0.536	-2.389	50.801	41.692
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)	1.001	0.969	0.922	0.950	0.876
83 (NECKHTLT) NECK HEIGHT, LATERAL		0.063	0.219	0.271	0.224
57 (GLUFURHT) GLUTEAL FURROW HEIGHT			-0.195	-0.270	-0.324
125 (WEIGHT) WEIGHT				0.058	0.049
35 (CRCHHGHT) CROTCH HEIGHT					0.106
S.E. OF ESTIMATE	14.706	14.413	14.003	13.762	13.725
ADJUSTED R-SQUARED	0.955	0.957	0.959	0.960	0.961

DEPENDENT VARIABLE: (111) WAIST BACK LENGTH, NATURAL INDENTATION (WSTBLNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	30.586	22.541	5.160	-6.779	-7.507
32 (CERVSIT) CERVICAL HEIGHT SITTING	0.535	0.996	0.839	0.280	0.290
121 (WSTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION		-1.009	-0.991	-0.274	-0.299
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION			0.252	0.745	0.687
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION				-0.730	-0.699
90 (SCYEDPTH) SCYE DEPTH					0.132
S.E. OF ESTIMATE	19.317	9.858	8.864	6.021	5.839
ADJUSTED R-SQUARED	0.405	0.845	0.875	0.942	0.946

DEPENDENT VARIABLE: (112) WAIST BACK LENGTH, OMPHALION (WSTBLOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	125.949	57.127	25.448	17.980	8.268
118 (WSTFLOM) WAIST FRONT LENGTH, OMPHALION	0.812	0.660	0.595	0.069	0.071
90 (SCYEDPTH) SCYE DEPTH		0.690	0.502	0.039	0.029
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION			0.250	0.880	0.873
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION				0.889	0.880
30 (CALFHGHT) CALF HEIGHT					0.043
S.E. OF ESTIMATE	16.670	13.811	12.793	6.396	6.319
ADJUSTED R-SQUARED	0.542	0.685	0.730	0.933	0.934

DEPENDENT VARIABLE: (113) WAIST BREADTH (WSTBRTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	31.405	25.330	43.168	18.260	22.172
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION	0.326	0.435	0.413	0.382	0.384
116 (WSTDEPTH) WAIST DEPTH		-0.395	-0.312	-0.281	-0.255
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.049	-0.045	-0.033
66 (HIPBRTH) HIP BREADTH				0.121	0.263
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE					-0.066
S.E. OF ESTIMATE	8.418	7.498	7.178	6.907	6.783
ADJUSTED R-SQUARED	0.911	0.930	0.935	0.940	0.942

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (114) WAIST CIRCUMFERENCE, NATURAL INDENTATION (WSCIRCNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	190.871	-35.744	-22.527	-110.332	-45.414
115 (WSCIRCNI) WAIST CIRCUMFERENCE, OMPHALION	0.675	0.417	0.266	0.251	0.302
36 (CHSTCB) CHEST CIRCUMFERENCE BELOW BREAST		0.560	0.529	0.455	0.451
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING			0.586	0.571	0.505
81 (NEKCIRC) NECK CIRCUMFERENCE				0.506	0.543
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION					-0.225
S.E. OF ESTIMATE	29.225	22.250	21.096	20.275	19.741
ADJUSTED R-SQUARED	0.785	0.875	0.888	0.897	0.902

DEPENDENT VARIABLE: (115) WAIST CIRCUMFERENCE, OMPHALION (WSCIRCNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-17.513	-8.149	23.288	-10.856	-18.861
113 (WSTBRTH) WAIST BREADTH	2.794	1.788	1.811	1.708	1.635
116 (WSTDEPTH) WAIST DEPTH		1.384	1.313	1.197	1.047
123 (WSHPLTH) WAIST-HIP LENGTH			-0.160	-0.274	-0.296
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE				0.108	0.091
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION					0.110
S.E. OF ESTIMATE	24.641	15.193	14.864	14.384	14.072
ADJUSTED R-SQUARED	0.911	0.966	0.968	0.970	0.971

DEPENDENT VARIABLE: (116) WAIST DEPTH (WSTDEPTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	9.933	-14.852	-3.268	7.635	19.410
2 (ABEXDPST) ABDOMINAL EXTENSION DEPTH, SITTING	0.873	0.475	0.409	0.392	0.419
115 (WSCIRCNI) WAIST CIRCUMFERENCE, OMPHALION		0.143	0.283	0.270	0.260
113 (WSTBRTH) WAIST BREADTH			-0.371	-0.283	-0.265
15 (BISBDTH) BISPINOUS BREADTH				-0.104	-0.097
41 (CRHLOM) CROTCH LENGTH, OMPHALION					-0.027
S.E. OF ESTIMATE	9.514	7.778	7.169	6.960	6.896
ADJUSTED R-SQUARED	0.854	0.902	0.917	0.922	0.923

DEPENDENT VARIABLE: (117) WAIST FRONT LENGTH, NATURAL INDENTATION (WSTFRLNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	88.904	9.364	23.770	16.278	7.585
118 (WSTFRLM) WAIST FRONT LENGTH, OMPHALION	0.572	0.962	0.982	0.974	0.924
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION		-0.962	-0.908	-0.335	-0.350
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION			-0.035	-0.334	-0.332
41 (CRHLOM) CROTCH LENGTH, OMPHALION				0.318	0.314
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION					0.068
S.E. OF ESTIMATE	19.721	6.584	6.449	5.417	5.303
ADJUSTED R-SQUARED	0.295	0.921	0.925	0.947	0.949

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (118) WAIST FRONT LENGTH, OMPHALION (WSTFRLM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	94.577	40.194	20.383	1.225	3.030
112 (WSTBLOM) WAIST BACK LENGTH, OMPHALION	0.667	0.566	0.052	0.039	0.015
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION		0.318	0.894	0.886	0.938
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION			0.896	0.818	0.336
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION				0.045	0.319
41 (CRHLOM) CROTCH LENGTH, OMPHALION					-0.293
S.E. OF ESTIMATE	15.109	13.369	6.426	6.189	5.341
ADJUSTED R-SQUARED	0.542	0.641	0.917	0.923	0.943

DEPENDENT VARIABLE: (119) WAIST HEIGHT, NATURAL INDENTATION (WSTHNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	19.834	-4.949	-0.415	17.283	8.207
103 (TENRIBHT) TENTH RIB HEIGHT	0.993	0.972	0.122	0.167	0.127
124 (WSNIWSOM) WAIST, NATURAL INDENTATION -- WAIST OMPHALION		0.617	0.896	0.839	0.421
120 (WSTHOM) WAIST HEIGHT, OMPHALION			0.878	0.842	0.876
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION				-0.082	-0.502
118 (WSTFRLM) WAIST FRONT LENGTH, OMPHALION					0.463
S.E. OF ESTIMATE	18.387	12.864	6.315	6.129	5.370
ADJUSTED R-SQUARED	0.874	0.938	0.985	0.986	0.989

DEPENDENT VARIABLE: (120) WAIST HEIGHT, OMPHALION (WSTHOM)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	21.624	-1.085	-1.496	13.804	0.040
68 (ILCRSIT) ILIOCRISTALE HEIGHT	0.971	0.934	0.276	0.322	0.317
123 (WSHIPLTH) WAIST-HIP LENGTH		0.402	0.772	0.706	0.645
26 (BUTTHGHT) BUTTOCK HEIGHT			0.711	0.675	0.674
116 (WSTDEPTH) WAIST DEPTH				-0.098	-0.123
122 (WSHTSTOM) WAIST HEIGHT, SITTING, OMPHALION					0.145
S.E. OF ESTIMATE	13.659	10.797	6.879	6.529	6.289
ADJUSTED R-SQUARED	0.922	0.951	0.980	0.982	0.983

DEPENDENT VARIABLE: (121) WAIST HEIGHT, SITTING, NATURAL INDENTATION (WSHTSTNI)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	47.913	69.354	-23.998	-8.952	1.642
40 (CRCHLNI) CROTCH LENGTH, NATURAL INDENTATION	0.307	0.406	0.342	0.154	0.110
25 (BUTTDPTH) BUTTOCK DEPTH		-0.424	-0.365	-0.108	-0.047
32 (CERVSIT) CERVICAL HEIGHT SITTING			0.204	0.598	0.668
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION				-0.487	-0.418
117 (WSTFRLNI) WAIST FRONT LENGTH, NATURAL INDENTATION					-0.195
S.E. OF ESTIMATE	12.777	10.708	9.308	7.171	6.620
ADJUSTED R-SQUARED	0.642	0.749	0.810	0.887	0.904

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (122) WAIST HEIGHT, SITTING, OMPHALION (WSHTSTOM)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	62.355	-19.987	8.369	-3.325	11.599
41 (CRHLOM) CROTCH LENGTH, OMPHALION	0.272	0.198	0.205	0.178	0.177
50 (EYENTSIT) EYE HEIGHT, SITTING		0.173	0.192	0.200	0.171
133 (WRWALLEX) WRIST-WALL LENGTH, EXTENDED			-0.069	-0.077	-0.052
105 (THGHCLR) THIGH CLEARANCE				0.174	0.216
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					-0.046
S.E. OF ESTIMATE	10.662	9.455	9.195	9.015	8.824
ADJUSTED R-SQUARED	0.504	0.610	0.631	0.645	0.660

DEPENDENT VARIABLE: (123) WAIST-HIP LENGTH (WSHIPLTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	2.969	70.535	11.448	-5.900	-3.547
43 (CRLPOM) CROTCH LENGTH, POSTERIOR OMPHALION	0.475	0.610	0.144	0.127	0.064
25 (BUTTDPTH) BUTTOCK DEPTH		-0.480	-0.750	-0.814	-0.616
41 (CRHLOM) CROTCH LENGTH, OMPHALION			0.434	0.408	0.380
66 (HIPBRTH) HIP BREADTH				0.153	0.315
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALION					-0.084
S.E. OF ESTIMATE	17.620	14.857	11.943	11.683	11.118
ADJUSTED R-SQUARED	0.315	0.513	0.685	0.699	0.727

DEPENDENT VARIABLE: (124) WAIST, NATURAL INDENTATION -- WAIST OMPHALION (WSNIWSOM)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-125.154	-2.741	-6.890	-13.811	-15.166
40 (CRCHLN1) CROTCH LENGTH, NATURAL INDENTATION	0.266	0.490	0.475	0.441	0.413
41 (CRHLOM) CROTCH LENGTH, OMPHALION		-0.480	-0.478	-0.472	-0.431
113 (WSTBRTH) WAIST BREADTH			0.048	0.062	0.045
121 (WSHTSTNI) WAIST HEIGHT, SITTING, NATURAL INDENTATION				0.091	0.147
123 (WSHIPLTH) WAIST-HIP LENGTH					-0.091
S.E. OF ESTIMATE	15.336	5.697	5.588	5.481	5.342
ADJUSTED R-SQUARED	0.484	0.929	0.931	0.934	0.937

DEPENDENT VARIABLE: (125) WEIGHT (WEIGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-583.887	-798.938	-1044.303	-1093.489	-1060.550
24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE	1.245	0.829	0.794	0.626	0.271
48 (ELBCIRC) ELBOW CIRCUMFERENCE		2.592	2.223	1.564	1.231
102 (SUPSTRHT) SUPRSTERNALE HEIGHT			0.276	0.316	0.357
34 (CHSTCIRC) CHEST CIRCUMFERENCE				0.348	0.342
104 (THGHCIRC) THIGH CIRCUMFERENCE					0.585
S.E. OF ESTIMATE	36.853	27.964	24.228	19.447	16.449
ADJUSTED R-SQUARED	0.805	0.888	0.916	0.946	0.961

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (126) WRIST- CENTER OF GRIP LENGTH (WRCTRGL)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	19.319	13.556	16.342	19.671	17.098
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH	0.399	0.389	0.407	0.428	0.410
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD		0.006	0.007	0.008	0.008
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD			-0.008	-0.008	-0.007
9 (BLFTCIRC) BALL OF FOOT CIRCUMFERENCE				-0.033	-0.052
106 (THUMBBR) THUMB BREADTH					0.443
S.E. OF ESTIMATE	4.134	4.110	4.091	4.079	4.053
ADJUSTED R-SQUARED	0.293	0.301	0.308	0.312	0.321

DEPENDENT VARIABLE: (127) WRIST CIRCUMFERENCE (WRISCIRC)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	58.009	21.426	11.529	10.080	7.389
48 (ELBCIRC) ELBOW CIRCUMFERENCE	0.391	0.252	0.230	0.205	0.201
59 (HANDCIRC) HAND CIRCUMFERENCE		0.374	0.286	0.285	0.258
14 (BIMBDTH) BIMALLEOLAR BREADTH			0.489	0.399	0.329
6 (ANKLCIRC) ANKLE CIRCUMFERENCE				0.065	0.073
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH					0.070
S.E. OF ESTIMATE	4.463	3.657	3.451	3.403	3.370
ADJUSTED R-SQUARED	0.579	0.718	0.748	0.755	0.760

DEPENDENT VARIABLE: (128) WRIST HEIGHT (WRISHGHT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	18.020	16.756	-47.968	-88.424	-58.365
3 (ACRHGHT) ACROMIAL HEIGHT	0.579	0.925	0.864	0.757	0.782
98 (SLOUTSM) SLEEVE OUTSEAM		-0.841	-0.674	-0.659	-0.567
129 (WRISHTST) WRIST HEIGHT, SITTING			0.117	0.202	0.172
108 (TROCHHT) TROCHANTERION HEIGHT				0.156	0.165
99 (SPAN) SPAN					-0.064
S.E. OF ESTIMATE	19.123	10.945	10.651	10.407	10.271
ADJUSTED R-SQUARED	0.755	0.920	0.924	0.927	0.929

DEPENDENT VARIABLE: (129) WRIST HEIGHT, SITTING (WRISHTST)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	232.387	475.223	439.800	456.838	442.806
49 (ELRHGHT) ELBOW REST HEIGHT	1.083	0.918	0.816	0.777	0.653
88 (RASTL) RADIALE-STYLION LENGTH		-0.847	-0.958	-0.690	-0.698
109 (VTCASCC) VERTICAL TRUNK CIRCUMFERENCE (ASSC)			0.057	0.083	0.061
132 (WRWALLN) WRIST-WALL LENGTH				-0.182	-0.240
32 (CERVSIT) CERVICALE HEIGHT SITTING					0.178
S.E. OF ESTIMATE	18.543	13.860	13.584	13.264	13.113
ADJUSTED R-SQUARED	0.710	0.838	0.844	0.852	0.858

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (130) WRIST-INDEX FINGER LENGTH (WRINFNGL)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	11.536	8.297	7.879	4.824	2.085
60 (HANDLGTH) HAND LENGTH	0.874	0.680	0.707	0.662	0.661
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		0.325	0.325	0.317	0.314
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.013	-0.012	-0.010
75 (LATFEMEP) LATERAL FEMORAL EPICONDYLE HEIGHT				0.026	0.024
15 (BISBDTH) BISPINOUS BREADTH					0.015
S.E. OF ESTIMATE	2.665	2.435	2.369	2.330	2.314
ADJUSTED R-SQUARED	0.910	0.925	0.929	0.931	0.932

DEPENDENT VARIABLE: (131) WRIST-THUMB TIP LENGTH (WRTHLGTH)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	4.739	0.568	-3.451	-0.464	-4.388
130 (WRINFNGL) WRIST-INDEX FINGER LENGTH	0.667	0.614	0.526	0.521	0.515
126 (WRCTRGR) WRIST- CENTER OF GRIP LENGTH		0.200	0.200	0.200	0.199
52 (FOOTLGTH) FOOT LENGTH			0.077	0.091	0.082
6 (ANKLCIRC) ANKLE CIRCUMFERENCE				-0.027	-0.028
16 (BITCHARC) BITRAGION CHIN ARC					0.024
S.E. OF ESTIMATE	3.083	2.962	2.914	2.900	2.887
ADJUSTED R-SQUARED	0.786	0.803	0.809	0.811	0.813

DEPENDENT VARIABLE: (132) WRIST-WALL LENGTH (WRWALLLN)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-15.901	2.699	-2.602	-0.295	-2.175
107 (THMBTPR) THUMB TIP REACH	0.865	0.967	0.899	0.904	0.896
131 (WRTHLGTH) WRIST-THUMB TIP LENGTH		-0.795	-0.754	-0.695	-0.694
133 (WRWALLEX) WRIST-WALL LENGTH, EXTENDED			0.074	0.077	0.076
52 (FOOTLGTH) FOOT LENGTH				-0.060	-0.073
27 (BUTTKLTH) BUTTOCK-KNEE LENGTH					0.020
S.E. OF ESTIMATE	5.835	4.443	4.305	4.286	4.270
ADJUSTED R-SQUARED	0.967	0.981	0.982	0.982	0.982

DEPENDENT VARIABLE: (133) WRIST-WALL LENGTH, EXTENDED (WRWALLEX)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	77.961	42.311	13.193	23.083	42.979
132 (WRWALLLN) WRIST-WALL LENGTH	0.970	0.711	0.697	0.664	0.658
99 (SPAN) SPAN		0.117	0.113	0.074	0.082
111 (WSTBLNI) WAIST BACK LENGTH, NATURAL INDENTATION			0.123	0.138	0.118
88 (RASTL) RADIALE-STYLION LENGTH				0.289	0.311
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					-0.042
S.E. OF ESTIMATE	14.375	13.593	13.264	13.132	12.989
ADJUSTED R-SQUARED	0.824	0.843	0.850	0.853	0.856



STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (212) BIGONIAL BREADTH HEADBOARD (BIGBRH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	866.952	166.417	213.899	-60.513	-99.233
219 (MENCRINH) MENTON-CRINION LENGTH HEADBOARD	0.122	0.036	0.038	0.004	-0.023
81 (NECKCIRC) NECK CIRCUMFERENCE		2.699	1.797	1.349	1.031
114 (WSCIRCNI) WAIST CIRCUMFERENCE, NATURAL INDENTATION			0.324	0.289	0.256
22 (BIZBDTH) BIZYGOMATIC BREADTH				3.810	3.186
20 (BITSMARC) BITRAGON SUBMANDIBULAR ARC					1.062
S.E. OF ESTIMATE	70.260	57.453	55.457	52.921	52.019
ADJUSTED R-SQUARED	0.026	0.349	0.393	0.448	0.466

DEPENDENT VARIABLE: (213) BIINFRAORBITAL BREADTH HEADBOARD (BIINORBH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	39.819	-33.319	1.778	52.678	-2.235
69 (INPUPBTH) INTERPUPILLARY BREADTH	10.152	9.289	8.740	8.962	8.182
250 (STOMIONX) STOMION TO BACK OF HEAD		0.066	0.129	0.138	0.138
238 (GONIONB) GONION TO BACK OF HEAD			-0.117	-0.110	-0.110
106 (THUMBBR) THUMB BREADTH				-4.248	-4.340
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD					0.101
S.E. OF ESTIMATE	35.266	34.802	34.297	33.930	33.709
ADJUSTED R-SQUARED	0.518	0.530	0.544	0.553	0.559

DEPENDENT VARIABLE: (214) BIOCLAR BREADTH MAXIMUM HEADBOARD (BIOCBRMH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	256.530	18.736	-1.026	54.084	0.182
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD	0.844	0.555	0.432	0.435	0.403
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD		0.413	0.392	0.398	0.417
69 (INPUPBTH) INTERPUPILLARY BREADTH			2.956	2.763	2.644
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD				-0.113	-0.113
256 (ZYGB) ZYGION TO BACK OF HEAD					0.056
S.E. OF ESTIMATE	31.232	26.256	25.124	24.793	24.487
ADJUSTED R-SQUARED	0.678	0.772	0.791	0.797	0.802

DEPENDENT VARIABLE: (215) BITRAGON BREADTH HEADBOARD (BTRBDTHH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	351.247	179.299	65.472	126.240	148.405
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD	0.747	0.633	0.587	0.603	0.597
61 (HEADBRTH) HEAD BREADTH		2.257	2.495	3.170	3.070
244 (PMENTONX) PROMENTON TO BACK OF HEAD			0.076	0.076	0.071
17 (BITCOARC) BITRAGON CORONAL ARC				-0.533	-0.231
255 (TRAGT) TRAGON TO TOP OF HEAD					-0.076
S.E. OF ESTIMATE	32.081	30.747	29.921	29.385	29.305
ADJUSTED R-SQUARED	0.626	0.657	0.675	0.687	0.688

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (216) BIZYGOMATIC BREADTH HEADBOARD (BIZYBRH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	35.094	13.951	-9.667	-54.522	2.143
22 (BIZBDTH) BIZYGOMATIC BREADTH	10.064	9.059	7.504	6.501	6.132
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD		0.141	0.123	0.110	0.114
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD			0.207	0.183	0.219
215 (BTRBDTHH) BITRAGON BREADTH HEADBOARD				0.161	0.178
256 (ZYGB) ZYGION TO BACK OF HEAD					-0.061
S.E. OF ESTIMATE	22.930	21.218	19.844	19.146	18.653
ADJUSTED R-SQUARED	0.830	0.855	0.873	0.882	0.888

## DEPENDENT VARIABLE: (217) LIP LENGTH HEADBOARD (LIPLGTHH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	353.855	118.929	76.448	148.496	139.363
223 (NOSEBRTH) NOSE BREADTH HEADBOARD	0.567	0.421	0.395	0.386	0.349
16 (BITCHARC) BITRAGON CHIN ARC		0.942	0.799	0.848	0.970
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD			0.085	0.103	0.107
229 (CHEILT) CHEILION TO TOP OF HEAD				-0.059	-0.367
251 (STOMIONZ) STOMION TO TOP OF HEAD					0.301
S.E. OF ESTIMATE	32.575	30.885	30.677	30.407	29.862
ADJUSTED R-SQUARED	0.405	0.465	0.472	0.481	0.500

## DEPENDENT VARIABLE: (218) MAXIMUM FRONTAL BREADTH HEADBOARD (MAXFRONH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	152.104	27.953	168.082	-44.497	-7.916
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD	0.803	0.612	0.635	0.529	0.513
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD		0.342	0.341	0.465	0.410
258 (ZYFRB) ZYGOFONTALE TO BACK OF HEAD			-0.103	-0.640	-0.723
234 (FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD				0.651	0.490
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD					0.251
S.E. OF ESTIMATE	30.464	27.794	27.039	18.613	16.952
ADJUSTED R-SQUARED	0.678	0.732	0.746	0.880	0.900

## DEPENDENT VARIABLE: (219) MENTON-CRINION LENGTH HEADBOARD (MENCRIH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	605.215	877.759	-19.336	19.182	5.406
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	1.020	0.989	0.019	0.016	0.014
231 (CRINIONZ) CRINION TO TOP OF HEAD		-0.569	-0.971	-0.978	-0.976
243 (MENTONZ) MENTON TO TOP OF HEAD			0.996	0.999	0.983
242 (MENTONX) MENTON TO BACK OF HEAD				-0.022	-0.039
236 (GLABX) GLABELLA TO BACK OF HEAD					0.042
S.E. OF ESTIMATE	73.574	50.011	6.271	5.905	5.626
ADJUSTED R-SQUARED	0.407	0.726	0.996	0.996	0.997

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

## DEPENDENT VARIABLE: (220) MENTON-SELLION LENGTH HEADBOARD (MENSELLH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	81.019	97.100	32.577	21.569	-31.981
78 (MENSELL) MENTON-SELLION LENGTH	9.304	7.774	2.362	2.210	1.923
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		0.229	0.685	0.710	0.689
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD			0.756	0.707	0.707
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD				0.192	0.171
243 (MENTONZ) MENTON TO TOP OF HEAD					0.048
S.E. OF ESTIMATE	22.280	20.726	11.529	10.939	10.515
ADJUSTED R-SQUARED	0.861	0.880	0.963	0.967	0.969

## DEPENDENT VARIABLE: (221) MENTON-SUBNASALE LENGTH HEADBOARD (MENSUBNH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-108.301	-22.294	-128.892	-105.269	-4.882
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.701	1.054	1.014	0.933	0.952
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD		-1.011	-0.980	-0.984	-0.977
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.070	0.264	0.378
242 (MENTONX) MENTON TO BACK OF HEAD				-0.179	-0.195
63 (HEADLGTH) HEAD LENGTH					-1.710
S.E. OF ESTIMATE	33.398	14.134	13.139	9.238	5.928
ADJUSTED R-SQUARED	0.612	0.930	0.940	0.970	0.988

## DEPENDENT VARIABLE: (222) MINIMUM FRONTAL BREADTH HEADBOARD (MINFRONH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	330.873	111.262	270.271	155.980	74.182
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD	0.631	0.503	0.505	0.413	0.435
19 (BITFRARC) BITRAGON FRONTAL ARC		1.256	1.660	3.118	3.040
234 (FRTEMB) FRONTOTEMPORE TO BACK OF HEAD			-0.167	-0.604	-0.659
254 (TRAGB) TRAGON TO BACK OF HEAD				0.537	0.593
235 (FRTEMT) FRONTOTEMPORE TO TOP OF HEAD					0.139
S.E. OF ESTIMATE	33.727	32.100	30.676	26.737	25.341
ADJUSTED R-SQUARED	0.502	0.549	0.588	0.687	0.719

## DEPENDENT VARIABLE: (223) NOSE BREADTH HEADBOARD (NOSEBRTH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-47.276	-279.628	-80.055	-176.745	-187.111
217 (LIPLGTH) LIP LENGTH HEADBOARD	0.714	0.556	0.596	0.500	0.459
228 (CHEILB) CHEILION TO BACK OF HEAD		0.178	0.475	0.409	0.377
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			-0.386	-0.346	-0.339
69 (INPUPBTH) INTERPUPILLARY BREADTH				3.033	2.500
65 (HEELBRTH) HEEL BREADTH					1.737
S.E. OF ESTIMATE	36.545	33.286	31.044	29.715	28.921
ADJUSTED R-SQUARED	0.405	0.506	0.570	0.606	0.627

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (224) NOSE PROTRUSION HEADBOARD (NOSEPRH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	25.132	128.800	-13.458	64.305	0.291
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD	0.325	0.330	0.087	0.114	0.008
252 (SUBNASX) SUBNASALE TO BACK OF HEAD		-0.054	-0.642	-0.705	-0.768
246 (PRONASX) PRONASALE TO BACK OF HEAD			0.672	0.732	0.769
247 (PRONASZ) PRONASALE TO TOP OF HEAD				-0.065	-0.607
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD					0.608
S.E. OF ESTIMATE	19.348	18.865	12.284	11.405	2.495
ADJUSTED R-SQUARED	0.273	0.309	0.707	0.747	0.988

DEPENDENT VARIABLE: (225) SUBNASALE-SELLION HEADBOARD (SBNSELH)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	85.050	-2.875	-76.690	-15.254	42.976
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD	0.349	0.918	0.922	1.005	1.026
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		-0.812	-0.845	-0.923	-0.911
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.047	0.197	0.259
248 (SELLIONX) SELLION TO BACK OF HEAD				-0.209	-0.243
16 (BITCHARC) BITRAGION CHIN ARC					-0.487
S.E. OF ESTIMATE	29.925	12.664	12.202	10.250	8.990
ADJUSTED R-SQUARED	0.327	0.879	0.888	0.921	0.939

DEPENDENT VARIABLE: (226) ALARE TO BACK OF HEAD (ALAREB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	64.870	-6.139	-49.883	-28.658	-27.500
252 (SUBNASX) SUBNASALE TO BACK OF HEAD	0.945	0.672	0.578	0.301	0.281
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD		0.343	0.313	0.266	0.251
246 (PRONASX) PRONASALE TO BACK OF HEAD			0.134	0.264	0.278
250 (STOMIONX) STOMION TO BACK OF HEAD				0.172	0.104
228 (CHEILB) CHEILION TO BACK OF HEAD					0.091
S.E. OF ESTIMATE	17.105	14.338	13.966	12.961	12.808
ADJUSTED R-SQUARED	0.951	0.966	0.967	0.972	0.972

DEPENDENT VARIABLE: (227) ALARE TO TOP OF HEAD (ALARET)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	64.784	-56.018	-24.890	2.816	-16.171
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD	0.917	0.662	0.404	0.496	0.472
229 (CHEILT) CHEILION TO TOP OF HEAD		0.287	0.302	0.272	0.243
247 (PRONASZ) PRONASALE TO TOP OF HEAD			0.238	0.197	0.193
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD				-0.120	-0.102
255 (TRAGT) TRAGION TO TOP OF HEAD					0.084
S.E. OF ESTIMATE	17.144	14.434	13.556	13.012	12.774
ADJUSTED R-SQUARED	0.941	0.958	0.963	0.966	0.967

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (228) CHEILION TO BACK OF HEAD (CHEILB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	47.535	85.992	27.823	-5.472	25.843
250 (STOMIONX) STOMION TO BACK OF HEAD	0.906	0.981	0.949	0.894	0.882
217 (LIPLGTHH) LIP LENGTH HEADBOARD		-0.332	-0.376	-0.369	-0.373
16 (BITCHARC) BITRAGION CHIN ARC			0.472	0.555	0.585
256 (ZYGB) ZYGION TO BACK OF HEAD				0.086	0.092
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD					-0.117
S.E. OF ESTIMATE	22.804	19.450	18.938	18.398	18.232
ADJUSTED R-SQUARED	0.940	0.956	0.958	0.961	0.962

DEPENDENT VARIABLE: (229) CHEILION TO TOP OF HEAD (CHEILT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	158.293	99.787	36.011	48.615	36.080
251 (STOMIONZ) STOMION TO TOP OF HEAD	0.922	0.793	0.635	0.500	0.526
255 (TRAGT) TRAGION TO TOP OF HEAD		0.230	0.217	0.150	0.141
243 (MENTONZ) MENTON TO TOP OF HEAD			0.164	0.184	0.157
227 (ALARET) ALARE TO TOP OF HEAD				0.179	0.370
247 (PRONASZ) PRONASALE TO TOP OF HEAD					-0.173
S.E. OF ESTIMATE	18.942	17.182	16.242	15.731	15.184
ADJUSTED R-SQUARED	0.933	0.945	0.951	0.954	0.957

DEPENDENT VARIABLE: (230) CRINION TO BACK OF HEAD (CRINIONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	108.855	-92.926	35.095	85.789	-80.196
236 (GLABX) GLABELLA TO BACK OF HEAD	0.882	0.861	0.939	0.974	0.938
231 (CRINIONZ) CRINION TO TOP OF HEAD		0.582	0.567	0.633	0.686
21 (BITSNARC) BITRAGION SUBNASAL ARC			-0.985	-0.930	-1.197
249 (SELLIONZ) SELLION TO TOP OF HEAD				-0.152	-0.272
18 (BITCRARC) BITRAGION CRINION ARC					1.343
S.E. OF ESTIMATE	64.175	32.691	31.072	30.196	27.984
ADJUSTED R-SQUARED	0.454	0.858	0.872	0.879	0.896

DEPENDENT VARIABLE: (231) CRINION TO TOP OF HEAD (CRINIONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-606.224	408.146	195.608	70.754	-34.963
259 (ZYFRT) ZYGOFONTALE TO TOP OF HEAD	1.040	0.998	0.908	0.005	0.001
219 (MENCRINH) MENTON-CRINION LENGTH HEADBOARD		-0.551	-0.837	-1.003	-1.018
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD			0.709	0.960	0.977
249 (SELLIONZ) SELLION TO TOP OF HEAD				0.968	0.989
242 (MENTONX) MENTON TO BACK OF HEAD					0.056
S.E. OF ESTIMATE	70.551	47.018	34.300	8.064	6.150
ADJUSTED R-SQUARED	0.448	0.755	0.869	0.993	0.996

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (232) ECTOORBITALE TO BACK OF HEAD (ECTORBB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	131.616	-10.080	128.977	41.222	23.297
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD	0.797	0.443	0.519	0.561	0.494
234 (FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD		0.461	0.420	0.371	0.266
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD			-0.172	-0.374	-0.349
216 (BIZYBRH) BIZYGOMATIC BREADTH HEADBOARD				0.247	0.230
258 (ZYFRB) ZYGOFONTALE TO BACK OF HEAD					0.187
S.E. OF ESTIMATE	26.439	22.047	20.192	18.365	17.497
ADJUSTED R-SQUARED	0.812	0.869	0.890	0.909	0.918

DEPENDENT VARIABLE: (233) ECTOORBITALE TO TOP OF HEAD (ECTORBT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	271.121	78.982	17.077	-35.674	-9.823
259 (ZYFRT) ZYGOFONTALE TO TOP OF HEAD	0.858	0.474	0.446	0.480	0.534
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD		0.460	0.346	0.321	0.270
257 (ZYGRT) ZYGION TO TOP OF HEAD			0.182	0.159	0.157
258 (ZYFRB) ZYGOFONTALE TO BACK OF HEAD				0.049	0.179
232 (ECTORBB) ECTOORBITALE TO BACK OF HEAD					-0.146
S.E. OF ESTIMATE	21.534	17.341	16.579	16.335	15.830
ADJUSTED R-SQUARED	0.856	0.906	0.914	0.917	0.922

DEPENDENT VARIABLE: (234) FRONTOTEMPORALE TO BACK OF HEAD (FRTEMB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	268.038	64.158	203.051	121.678	7.355
232 (ECTORBB) ECTOORBITALE TO BACK OF HEAD	0.908	0.510	0.457	0.478	0.440
236 (GLABX) GLABELLA TO BACK OF HEAD		0.426	0.506	0.474	0.366
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD			-0.204	-0.374	-0.409
214 (BIOCBRMH) BIOCLAR BREADTH MAXIMUM HEADBOARD				0.240	0.204
62 (HEADCIRC) HEAD CIRCUMFERENCE					0.840
S.E. OF ESTIMATE	27.392	23.158	21.233	18.715	17.632
ADJUSTED R-SQUARED	0.803	0.859	0.882	0.908	0.918

DEPENDENT VARIABLE: (235) FRONTOTEMPORALE TO TOP OF HEAD (FRTEMT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-97.917	103.718	-4.310	-15.621	3.474
259 (ZYFRT) ZYGOFONTALE TO TOP OF HEAD	0.953	0.979	0.971	0.793	0.766
218 (MAXFRONH) MAXIMUM FRONTAL BREADTH HEADBOARD		-0.204	-0.420	-0.402	-0.356
222 (MINFRONH) MINIMUM FRONTAL BREADTH HEADBOARD			0.345	0.349	0.385
237 (GLABZ) GLABELLA TO TOP OF HEAD				0.184	0.195
213 (BIINORBH) BIINFRAORBITAL BREADTH HEADBOARD					-0.135
S.E. OF ESTIMATE	27.239	24.998	22.128	21.098	20.312
ADJUSTED R-SQUARED	0.821	0.849	0.882	0.892	0.900

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (236) GLABELLA TO BACK OF HEAD (GLABX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	76.672	-3.007	-19.994	-60.516	-64.123
248 (SELLIONX) SELLION TO BACK OF HEAD	0.970	0.600	0.498	0.564	0.499
63 (HEADLGTH) HEAD LENGTH		4.164	3.605	3.061	3.004
234 (FRTEMB) FRONTOTEMPORALE TO BACK OF HEAD			0.189	0.154	0.097
249 (SELLIONZ) SELLION TO TOP OF HEAD				0.072	0.090
240 (INFORBB) INFRAORBITALE TO BACK OF HEAD					0.121
S.E. OF ESTIMATE	17.778	14.124	12.857	12.133	11.688
ADJUSTED R-SQUARED	0.928	0.955	0.963	0.967	0.969

DEPENDENT VARIABLE: (237) GLABELLA TO TOP OF HEAD (GLABZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-108.766	-119.793	27.573	90.830	72.991
249 (SELLIONZ) SELLION TO TOP OF HEAD	0.942	0.675	0.721	0.744	0.704
235 (FRTEMT) FRONTOTEMPORALE TO TOP OF HEAD		0.348	0.296	0.271	0.175
219 (MENCRINH) MENTON-CRINIOM LENGTH HEADBOARD			-0.087	-0.074	-0.074
55 (FORHDLG) FOREARM-HAND LENGTH				-0.201	-0.214
259 (ZYFRT) ZYGOFRONTALE TO TOP OF HEAD					0.149
S.E. OF ESTIMATE	29.769	26.379	25.145	24.772	24.537
ADJUSTED R-SQUARED	0.813	0.853	0.867	0.871	0.873

DEPENDENT VARIABLE: (238) GONION TO BACK OF HEAD (GONIONB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	130.004	-69.209	101.105	137.287	89.341
254 (TRAGB) TRAGION TO BACK OF HEAD	0.959	0.603	0.534	0.390	0.391
242 (MENTONX) MENTON TO BACK OF HEAD		0.315	0.410	0.516	0.519
16 (BITCHARC) BITRAGION CHIN ARC			-0.886	-1.681	-1.896
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD				0.235	0.242
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD					0.094
S.E. OF ESTIMATE	47.180	40.733	39.732	38.712	38.221
ADJUSTED R-SQUARED	0.552	0.666	0.682	0.699	0.706

DEPENDENT VARIABLE: (239) GONION TO TOP OF HEAD (GONIONT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	671.940	316.892	197.682	193.465	100.003
257 (ZYG) ZYGION TO TOP OF HEAD	0.908	0.835	0.381	0.337	0.255
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC		1.622	1.793	2.327	1.659
255 (TRAGT) TRAGION TO TOP OF HEAD			0.523	0.604	0.683
212 (BIGBRH) BIGONIAL BREADTH HEADBOARD				-0.174	-0.178
16 (BITCHARC) BITRAGION CHIN ARC					0.952
S.E. OF ESTIMATE	46.685	42.035	38.617	37.307	36.372
ADJUSTED R-SQUARED	0.512	0.605	0.666	0.689	0.704

# STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (240) INFRAORBITALE TO BACK OF HEAD (INFORBB)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	149.944	29.939	-39.205	-21.667	8.350
226 (ALAREB) ALARE TO BACK OF HEAD	0.842	0.562	0.494	0.274	0.254
232 (ECTORBB) ECTOORBITALE TO BACK OF HEAD		0.427	0.325	0.328	0.334
236 (GLABX) GLABELLA TO BACK OF HEAD			0.187	0.249	0.288
250 (STOMIONX) STOMION TO BACK OF HEAD				0.144	0.128
235 (FRTEM) FRONTOTEMPORALE TO TOP OF HEAD					-0.052
S.E. OF ESTIMATE	22.811	17.607	16.657	15.928	15.698
ADJUSTED R-SQUARED	0.890	0.935	0.942	0.947	0.948

DEPENDENT VARIABLE: (241) INFRAORBITALE TO TOP OF HEAD (INFORBT)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	187.371	82.072	17.863	59.470	32.807
233 (ECTORBT) ECTOORBITALE TO TOP OF HEAD	0.945	0.519	0.364	0.271	0.266
227 (ALARET) ALARE TO TOP OF HEAD		0.396	0.314	0.199	0.111
255 (TRAGT) TRAGION TO TOP OF HEAD			0.288	0.292	0.294
249 (SELLIONZ) SELLION TO TOP OF HEAD				0.216	0.209
251 (STOMIONZ) STOMION TO TOP OF HEAD					0.095
S.E. OF ESTIMATE	22.756	18.033	16.381	15.145	14.904
ADJUSTED R-SQUARED	0.847	0.904	0.921	0.932	0.934

DEPENDENT VARIABLE: (242) MENTON TO BACK OF HEAD (MENTONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-34.842	109.400	87.186	-12.840	41.224
244 (PMENTONX) PROMENTON TO BACK OF HEAD	0.942	0.990	0.901	0.863	0.879
221 (MENSUBNH) MENTON-SUBNASALE LENGTH HEADBOARD		-0.341	-0.335	-0.369	0.355
238 (GONIONB) GONION TO BACK OF HEAD			0.176	0.198	0.218
20 (BITSMARC) BITRAGION SUBMANDIBULAR ARC				0.619	0.620
258 (ZYFRB) ZYGOFRONTALE TO BACK OF HEAD					-0.072
S.E. OF ESTIMATE	32.242	26.992	25.515	24.550	24.316
ADJUSTED R-SQUARED	0.891	0.924	0.932	0.937	0.938

DEPENDENT VARIABLE: (243) MENTON TO TOP OF HEAD (MENTONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	254.478	161.380	104.921	-45.014	0.089
245 (PMENTONZ) PROMENTON TO TOP OF HEAD	0.946	0.833	0.082	0.038	0.020
220 (MENSELLH) MENTON-SELLION LENGTH HEADBOARD		0.284	0.879	0.915	0.992
249 (SELLIONZ) SELLION TO TOP OF HEAD			0.860	0.925	0.983
242 (MENTONX) MENTON TO BACK OF HEAD				0.075	0.141
248 (SELLIONX) SELLION TO BACK OF HEAD					-0.143
S.E. OF ESTIMATE	27.314	23.451	9.939	6.970	3.740
ADJUSTED R-SQUARED	0.896	0.924	0.986	0.993	0.998



STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (244) PROMENTON TO BACK OF HEAD (PMENTONX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	237.284	28.610	-36.249	74.281	31.959
242 (MENTONX) MENTON TO BACK OF HEAD	0.946	0.593	0.582	0.548	0.574
250 (STOMIONX) STOMION TO BACK OF HEAD		0.425	0.390	0.401	0.379
16 (BITCHARC) BITRAGION CHIN ARC			0.500	0.719	0.534
245 (PMENTONZ) PROMENTON TO TOP OF HEAD				-0.069	-0.315
243 (MENTONZ) MENTON TO TOP OF HEAD					0.273
S.E. OF ESTIMATE	32.296	21.124	20.540	19.872	18.600
ADJUSTED R-SQUARED	0.891	0.953	0.956	0.959	0.964

DEPENDENT VARIABLE: (245) PROMENTON TO TOP OF HEAD (PMENTONZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-30.408	-5.242	-46.553	-69.229	-55.383
243 (MENTONZ) MENTON TO TOP OF HEAD	0.947	0.541	0.523	0.507	0.506
251 (STOMIONZ) STOMION TO TOP OF HEAD		0.490	0.498	0.493	0.522
38 (CHSTHGHT) CHEST HEIGHT			0.056	0.053	0.045
239 (GONIONZ) GONION TO TOP OF HEAD				0.039	0.062
257 (ZYGZ) ZYGION TO TOP OF HEAD					-0.076
S.E. OF ESTIMATE	27.321	22.666	22.483	22.411	22.303
ADJUSTED R-SQUARED	0.896	0.929	0.930	0.930	0.931

DEPENDENT VARIABLE: (246) PRONASALE TO BACK OF HEAD (PRONASX)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	356.398	177.811	114.942	28.709	26.069
226 (ALAREB) ALARE TO BACK OF HEAD	0.910	0.934	0.179	0.029	0.110
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD		0.730	0.893	0.757	0.715
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.755	0.709	0.760
248 (SELLIONX) SELLION TO BACK OF HEAD				0.258	0.217
250 (STOMIONX) STOMION TO BACK OF HEAD					-0.087
S.E. OF ESTIMATE	25.009	18.816	13.771	11.306	11.058
ADJUSTED R-SQUARED	0.888	0.936	0.966	0.977	0.978

DEPENDENT VARIABLE: (247) PRONASALE TO TOP OF HEAD (PRONASZ)

INDEPENDENT VARIABLE	MODEL				
	1	2	3	4	5
INTERCEPT	-155.606	-140.239	47.999	-0.124	0.883
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD	1.029	1.074	1.069	1.003	1.012
224 (NOSEPRH) NOSE PROTRUSION HEADBOARD		-0.465	-0.512	-1.574	-1.575
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			-0.088	-1.221	-1.217
246 (PRONASX) PRONASALE TO BACK OF HEAD				1.220	1.217
229 (CHEILT) CHEILION TO TOP OF HEAD					-0.009
S.E. OF ESTIMATE	20.906	18.366	17.018	4.026	4.018
ADJUSTED R-SQUARED	0.931	0.946	0.954	0.997	0.997

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (248) SELLION TO BACK OF HEAD (SELLIONX)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	62.015	-9.443	-14.467	15.693	13.636
236 (GLABX) GLABELLA TO BACK OF HEAD	0.957	0.681	0.682	0.729	0.735
246 (PROMASX) PROMASALE TO BACK OF HEAD		0.285	0.304	0.266	0.265
223 (NOSEBRTH) NOSE BREADTH HEADBOARD			-0.107	-0.103	-0.092
249 (SELLIONZ) SELLION TO TOP OF HEAD				-0.039	-0.099
237 (GLABZ) GLABELLA TO TOP OF HEAD					0.062
S.E. OF ESTIMATE	17.657	13.948	13.080	12.926	12.812
ADJUSTED R-SQUARED	0.928	0.955	0.961	0.962	0.962

DEPENDENT VARIABLE: (249) SELLION TO TOP OF HEAD (SELLIONZ)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	290.565	-37.979	41.287	56.890	-13.544
237 (GLABZ) GLABELLA TO TOP OF HEAD	0.864	0.474	0.368	-0.011	0.018
241 (INFORBT) INFRAORBITALE TO TOP OF HEAD		0.542	0.674	0.067	0.017
225 (SBNSELH) SUBNASALE-SELLION HEADBOARD			-0.310	-0.982	-0.974
253 (SUPNASZ) SUBNASALE TO TOP OF HEAD				0.913	0.936
250 (STOMIONX) STOMION TO BACK OF HEAD					0.036
S.E. OF ESTIMATE	28.509	23.194	20.671	5.680	4.672
ADJUSTED R-SQUARED	0.813	0.876	0.902	0.993	0.995

DEPENDENT VARIABLE: (250) STOMION TO BACK OF HEAD (STOMIONX)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	66.882	-17.923	-166.193	-80.572	-60.058
228 (CHEILB) CHEILION TO BACK OF HEAD	1.037	0.966	0.745	0.711	0.646
217 (LIPLGTHH) LIP LENGTH HEADBOARD		0.386	0.356	0.354	0.277
252 (SUBNASX) SUBNASALE TO BACK OF HEAD			0.287	0.319	0.373
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD				-0.056	-0.063
223 (NOSEBRTH) NOSE BREADTH HEADBOARD					0.129
S.E. OF ESTIMATE	24.399	19.306	17.118	16.660	16.178
ADJUSTED R-SQUARED	0.940	0.962	0.970	0.972	0.974

DEPENDENT VARIABLE: (251) STOMION TO TOP OF HEAD (STOMIONZ)

INDEPENDENT VARIABLE	1	2	MODEL 3	4	5
INTERCEPT	-43.419	-81.818	-57.537	-75.925	20.078
229 (CHEILT) CHEILION TO TOP OF HEAD	1.012	0.709	0.516	0.473	0.487
245 (PMENTONZ) PROMENTON TO TOP OF HEAD		0.284	0.261	0.228	0.238
253 (SUBNASZ) SUBNASALE TO TOP OF HEAD			0.239	0.316	0.276
223 (NOSEBRTH) NOSE BREADTH HEADBOARD				0.124	0.150
242 (MENTONX) MENTON TO BACK OF HEAD					-0.051
S.E. OF ESTIMATE	19.849	17.593	15.786	14.905	14.216
ADJUSTED R-SQUARED	0.933	0.948	0.958	0.962	0.966

## STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (252) SUBNASALE TO BACK OF HEAD (SUBNASX)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		30.667	90.917	-10.297	-5.453	57.784
226 (ALAREB)	ALARE TO BACK OF HEAD	1.007	0.803	0.321	0.177	0.204
250 (STOMIONX)	STOMION TO BACK OF HEAD		0.171	0.278	0.184	0.133
246 (PRONASX)	PRONASALE TO BACK OF HEAD			0.390	0.651	0.680
224 (NOSEPRH)	NOSE PROTRUSION HEADBOARD				-0.535	-0.568
247 (PRONASZ)	PRONASALE TO TOP OF HEAD					-0.051
S.E. OF ESTIMATE		17.660	16.475	13.869	10.954	10.369
ADJUSTED R-SQUARED		0.951	0.957	0.970	0.981	0.983

DEPENDENT VARIABLE: (253) SUBNASALE TO TOP OF HEAD (SUBNASZ)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		24.238	89.073	69.011	22.247	46.261
227 (ALARET)	ALARE TO TOP OF HEAD	1.026	0.580	0.509	0.321	0.286
247 (PRONASZ)	PRONASALE TO TOP OF HEAD		0.416	0.456	0.465	0.379
224 (NOSEPRH)	NOSE PROTRUSION HEADBOARD			0.374	0.403	0.359
251 (STOMIONZ)	STOMION TO TOP OF HEAD				0.173	0.310
221 (MENSUBNH)	MENTON-SUBNASALE LENGTH HEADBOARD					-0.120
S.E. OF ESTIMATE		18.138	14.997	12.561	11.548	10.671
ADJUSTED R-SQUARED		0.941	0.959	0.972	0.976	0.979

DEPENDENT VARIABLE: (254) TRAGION TO BACK OF HEAD (TRAGB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-149.825	228.630	215.273	224.715	64.709
232 (ECTORBB)	ECTOORBITALE TO BACK OF HEAD	0.732	0.825	0.347	0.198	0.111
19 (BITFRARC)	BITRAGION FRONTAL ARC		-1.808	-2.205	-1.298	-2.227
240 (INFORBB)	INFRAORBITALE TO BACK OF HEAD			0.489	0.701	0.610
21 (BITSNARC)	BITRAGION SUBNASAL ARC				-1.505	-1.258
62 (HEADCIRC)	HEAD CIRCUMFERENCE					1.196
S.E. OF ESTIMATE		31.564	26.616	22.555	19.700	17.581
ADJUSTED R-SQUARED		0.666	0.763	0.830	0.870	0.897

DEPENDENT VARIABLE: (255) TRAGION TO TOP OF HEAD (TRAGT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		1297.141	128.554	164.363	66.870	55.146
242 (MENTONX)	MENTON TO BACK OF HEAD	-0.036	-0.051	-0.021	0.032	-0.004
17 (BITCOARC)	BITRAGION CORONAL ARC		3.554	3.601	2.177	2.139
217 (LIPLGTHH)	LIP LENGTH HEADBOARD			-0.189	-0.136	-0.120
259 (ZYFRT)	ZYGOFONTALE TO TOP OF HEAD				0.462	0.471
238 (GONIONB)	GONION TO BACK OF HEAD					0.066
S.E. OF ESTIMATE		55.159	30.704	29.805	21.338	21.117
ADJUSTED R-SQUARED		0.004	0.691	0.709	0.851	0.854

STEPWISE MULTIPLE REGRESSIONS -- FEMALES

DEPENDENT VARIABLE: (256) ZYGION TO BACK OF HEAD (ZYGB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		248.951	-177.474	-77.086	-81.004	-84.133
254 (TRAGB)	TRAGION TO BACK OF HEAD	1.063	1.025	1.012	0.990	0.987
21 (BITSNARC)	BITRAGION SUBNASAL ARC		1.680	2.194	1.697	1.735
216 (BIZYBRH)	BIZYGOMATIC BREADTH HEADBOARD			-0.170	-0.317	-0.400
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD				0.326	0.309
212 (BIGBRH)	BIGONIAL BREADTH HEADBOARD					0.117
S.E. OF ESTIMATE		48.481	44.391	43.793	42.138	41.614
ADJUSTED R-SQUARED		0.590	0.656	0.665	0.690	0.698

DEPENDENT VARIABLE: (257) ZYGION TO TOP OF HEAD (ZYGZ)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		387.004	182.899	109.346	91.767	161.684
233 (ECTORBT)	ECTOORBITALE TO TOP OF HEAD	0.786	0.615	0.636	0.402	0.402
239 (GONIOMT)	GONION TO TOP OF HEAD		0.217	0.183	0.149	0.164
256 (ZYGB)	ZYGION TO BACK OF HEAD			0.087	0.085	0.078
241 (INFORBT)	INFRAORBITALE TO TOP OF HEAD				0.277	0.287
32 (CERVSIT)	CERVICAL HEIGHT SITTING					-0.163
S.E. OF ESTIMATE		28.201	26.058	25.278	24.549	24.119
ADJUSTED R-SQUARED		0.714	0.756	0.770	0.783	0.791

DEPENDENT VARIABLE: (258) ZYGOFRONTALE TO BACK OF HEAD (ZYFRB)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		210.640	98.492	252.362	101.697	50.434
232 (ECTORBB)	ECTOORBITALE TO BACK OF HEAD	0.920	0.540	0.535	0.702	0.622
234 (FRTEMB)	FRONTOTEMPORALE TO BACK OF HEAD		0.418	0.460	0.297	0.133
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD			-0.194	-0.719	-0.758
214 (BIOCBRMH)	BIOCULAR BREADTH MAXIMUM HEADBOARD				0.627	0.635
236 (GLABX)	GLABELLA TO BACK OF HEAD					0.252
S.E. OF ESTIMATE		30.887	28.689	26.828	18.897	17.514
ADJUSTED R-SQUARED		0.767	0.799	0.824	0.913	0.925

DEPENDENT VARIABLE: (259) ZYGOFRONTALE TO TOP OF HEAD (ZYFRT)

INDEPENDENT VARIABLE		MODEL				
		1	2	3	4	5
INTERCEPT		-128.517	-29.613	-114.293	-66.151	-50.146
233 (ECTORBT)	ECTOORBITALE TO TOP OF HEAD	0.997	0.604	0.540	0.575	0.517
235 (FRTEMT)	FRONTOTEMPORALE TO TOP OF HEAD		0.405	0.456	0.418	0.365
218 (MAXFRONH)	MAXIMUM FRONTAL BREADTH HEADBOARD			0.101	0.250	0.263
214 (BIOCBRMH)	BIOCULAR BREADTH MAXIMUM HEADBOARD				-0.184	-0.198
237 (GLABZ)	GLABELLA TO TOP OF HEAD					0.108
S.E. OF ESTIMATE		23.213	18.940	18.245	17.356	16.961
ADJUSTED R-SQUARED		0.856	0.904	0.911	0.919	0.923

## CHAPTER VIII

### STANDARD MULTIPLE REGRESSION TABLES

Standard multiple regressions are presented for specified dependent variables with specific pairs of independent variables. There are six listings each for the male and female tables, each listing corresponding to a specific pair of independent variables. These six sets of independent variables include: (1) buttock circumference and crotch height; (2) crotch height and waist circumference, omphalion; (3) chest circumference and stature; (4) shoulder circumference and stature; (5) vertical trunk circumference, USA and crotch height; and (6) stature and weight. Selected dependent variables are reported for the first five sets while all 178 dependent variables were regressed on the sixth set of independent variables.

Each listing begins with the identification of the independent variables followed by a table of results for specific multiple regressions. Each dependent variable is identified by data base number and abbreviated name (see Chapter IV). This is followed by columns for the regression intercept (or constant) and the two partial regression coefficients (SLOPE  $X_1$  and SLOPE  $X_2$ ). Each of these three estimates is followed by its standard error (in parentheses). The fifth column contains the standard error of the estimate [SE(EST)] while the sixth column includes the coefficient of determination ( $R^2$ ). All regressions reported are individually significantly different from zero at the 0.001 level and jointly significant at the 0.05 level. Coefficients are not reported for partial regressions which were not significantly different from zero. In these cases simple bivariate regressions for the significant variable are presented. The correlations among multiple regression coefficient estimates (and bivariate regression coefficient estimates where appropriate) are provided at the end of each listing. These may be used along with the standard errors of the regression coefficients to calculate a confidence interval for estimated values of the dependent variable (see Chapter II).

	<u>Pages</u>
Table 15: Male Standard Multiple Regressions	948-956
Table 16: Female Standard Multiple Regressions	957-965

**TABLE 15**

**MALE STANDARD MULTIPLE REGRESSIONS**

TABLE 15  
MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE  
39 (CRCHGHT) CROTCH HEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 24 (SE)	SLOPE 39 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-42.063 ( 9.207)	0.363 ( 0.007)	-0.091 ( 0.009)	17.655	.610
6 ANKLCIRC	65.611 ( 5.067)	0.134 ( 0.004)	0.029 ( 0.005)	9.716	.444
7 AXHGHT	254.649 (12.984)	0.186 ( 0.010)	1.056 ( 0.013)	24.899	.816
25 BUTTDPH	-9.766 ( 5.093)	0.299 ( 0.004)	-0.043 ( 0.005)	9.766	.778
26 BUTTHGHT	33.073 ( 8.210)	0.073 ( 0.006)	0.935 ( 0.008)	15.743	.888
29 CALFCIRC	67.752 ( 6.098)	0.315 ( 0.006)	-----	16.198	.595
30 CALFHGHT	-45.220 ( 6.242)	0.041 ( 0.005)	0.428 ( 0.006)	11.970	.745
33 CHSTBDTH	47.675 ( 8.527)	0.321 ( 0.006)	-0.050 ( 0.009)	16.351	.590
34 CHSTCIRC	134.304 (20.837)	0.913 ( 0.016)	-0.049 ( 0.021)	39.957	.665
37 CHSTDPTH	-1.092 ( 6.998)	0.273 ( 0.005)	-0.029 ( 0.007)	13.419	.609
40 CRCHLNI	88.829 (16.883)	0.733 ( 0.013)	-0.052 ( 0.017)	32.375	.660
41 CRHLOM	154.368 (11.450)	0.404 ( 0.012)	-----	30.416	.505
42 CRLPNI	66.954 ( 7.554)	0.326 ( 0.008)	-----	20.066	.506
43 CRLPOM	112.508 (11.324)	0.184 ( 0.008)	0.026 ( 0.011)	21.714	.227
57 GLUFURHT	-1.880 ( 7.332)	0.042 ( 0.005)	0.926 ( 0.007)	14.059	.905
66 HIPBRTH	35.399 ( 4.524)	0.290 ( 0.003)	0.025 ( 0.005)	8.675	.817
68 ILCRSIT	102.154 ( 8.094)	0.127 ( 0.006)	1.011 ( 0.008)	15.521	.909
72 KNEECIRC	50.202 ( 5.916)	0.295 ( 0.004)	0.055 ( 0.006)	11.344	.738
73 KNEEHTMP	0.751 ( 5.452)	0.063 ( 0.004)	0.528 ( 0.005)	10.454	.856
75 LATFEMEP	9.492 ( 4.750)	0.069 ( 0.004)	0.506 ( 0.005)	9.109	.880
76 LATMALHT	19.665 ( 2.622)	0.019 ( 0.002)	0.034 ( 0.003)	5.029	.155
77 LOTHCIRC	21.603 ( 5.130)	0.376 ( 0.005)	-----	13.627	.747
79 MSHTSIT	312.218 (12.425)	0.195 ( 0.009)	0.151 ( 0.012)	23.825	.288
101 STRLGTH	211.323 (14.651)	0.448 ( 0.011)	0.070 ( 0.015)	28.095	.510
103 TENRIBHT	149.650 (10.097)	0.176 ( 0.008)	0.953 ( 0.010)	19.361	.858
104 THGHCIRC	-95.933 ( 9.157)	0.747 ( 0.007)	-0.051 ( 0.009)	17.559	.873
109 VTCASCC	498.083 (24.161)	0.963 ( 0.018)	0.172 ( 0.024)	46.331	.642
110 VTCUSA	512.585 (24.581)	0.958 ( 0.018)	0.212 ( 0.025)	47.137	.636
111 WSTBLNI	228.475 (11.299)	0.071 ( 0.008)	0.136 ( 0.011)	21.668	.129
112 WSTBLOM	195.049 (11.891)	0.198 ( 0.009)	0.106 ( 0.012)	22.802	.277
113 WSTBRTH	-37.718 ( 7.848)	0.399 ( 0.006)	-0.054 ( 0.008)	15.049	.725
114 WSCIRCNI	-17.780 (20.826)	1.021 ( 0.016)	-0.175 ( 0.021)	39.935	.709
115 WSCIRCOM	-157.925 (22.473)	1.228 ( 0.017)	-0.223 ( 0.023)	43.094	.751
116 WSTDEPTH	-41.369 ( 7.995)	0.336 ( 0.006)	-0.075 ( 0.008)	15.330	.640
117 WSTFRLNI	212.981 (10.926)	0.072 ( 0.008)	0.074 ( 0.011)	20.952	.079
118 WSTFRLM	183.275 (10.825)	0.201 ( 0.008)	0.040 ( 0.011)	20.757	.281
119 WSTHNI	107.863 ( 8.916)	0.213 ( 0.007)	0.968 ( 0.009)	17.096	.892
120 WSTHOM	131.652 ( 9.009)	0.086 ( 0.007)	1.006 ( 0.009)	17.276	.885
121 WSHSTSTNI	129.932 ( 7.395)	0.131 ( 0.006)	0.035 ( 0.007)	14.181	.268
122 WSHSTSTOM	140.650 ( 7.606)	0.058 ( 0.006)	0.044 ( 0.008)	14.586	.085
123 WSHIPLTH	91.164 (10.457)	0.024 ( 0.008)	0.074 ( 0.011)	20.052	.037
124 WSHIWSOM	-34.384 ( 8.675)	0.130 ( 0.006)	-0.028 ( 0.009)	16.635	.184

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.564  
INTERCEPT WITH SLOPE 39 = -0.642  
SLOPE 24 WITH SLOPE 39 = -0.204
- 2) SIMPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.998  
INTERCEPT WITH SLOPE 39 = -0.998

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 39 (CRCHGHT) CROTCH HEIGHT  
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 115 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	3.851 ( 5.770)	0.297 ( 0.003)	-0.025 ( 0.006)	12.028	.819
6 ANKLCIRC	107.756 ( 5.193)	0.077 ( 0.003)	0.057 ( 0.006)	10.826	.310
7 AXHGHT	288.998 (11.816)	0.138 ( 0.007)	1.091 ( 0.013)	24.634	.820
24 BUTTCIRC	284.645 (14.590)	0.611 ( 0.008)	0.205 ( 0.016)	30.416	.761
25 BUTTDPYH	64.026 ( 5.598)	0.198 ( 0.003)	0.017 ( 0.006)	11.670	.683
26 BUTTHGHT	41.852 ( 7.441)	0.060 ( 0.004)	0.948 ( 0.008)	15.512	.891
29 CALFCIRC	156.707 ( 9.271)	0.185 ( 0.005)	0.074 ( 0.010)	19.329	.423
30 CALFHGHT	-32.942 ( 5.778)	0.025 ( 0.003)	0.436 ( 0.006)	12.046	.742
33 CHSTBDTH	109.050 ( 3.366)	0.246 ( 0.004)	----- (-----)	14.131	.694
34 CHSTCIRC	310.943 (17.815)	0.667 ( 0.010)	0.126 ( 0.019)	37.139	.711
37 CHSTDPYH	50.075 ( 5.951)	0.202 ( 0.003)	0.023 ( 0.006)	12.407	.666
40 CRCHLNI	242.279 (15.369)	0.520 ( 0.009)	0.091 ( 0.016)	32.041	.667
41 CRHLOM	280.797 (15.979)	0.310 ( 0.009)	0.110 ( 0.017)	33.313	.406
42 CRLPNI	151.937 (10.137)	0.218 ( 0.006)	0.057 ( 0.011)	21.132	.451
43 CRLPOM	177.333 (11.022)	0.097 ( 0.006)	0.066 ( 0.012)	22.978	.134
57 GLUFURHT	-3.768 ( 6.611)	0.044 ( 0.004)	0.932 ( 0.007)	13.783	.909
66 HIPBRTH	112.542 ( 5.552)	0.185 ( 0.003)	0.084 ( 0.006)	11.574	.674
68 ILCRSIT	129.986 ( 7.468)	0.089 ( 0.004)	1.036 ( 0.008)	15.569	.908
72 KNEECIRC	133.291 ( 6.887)	0.181 ( 0.004)	0.115 ( 0.007)	14.358	.580
73 KNEETMP	10.774 ( 4.945)	0.049 ( 0.003)	0.540 ( 0.005)	10.310	.860
75 LATFEMEP	22.505 ( 4.326)	0.051 ( 0.002)	0.519 ( 0.005)	9.018	.882
76 LATMALHT	22.022 ( 2.388)	0.016 ( 0.001)	0.037 ( 0.003)	4.978	.172
77 LOTHCIRC	138.247 ( 8.531)	0.232 ( 0.005)	0.064 ( 0.009)	17.784	.569
79 MSHTSIT	356.036 (11.495)	0.134 ( 0.007)	0.189 ( 0.012)	23.963	.279
101 STRLGTH	302.783 (13.285)	0.321 ( 0.008)	0.157 ( 0.014)	27.696	.524
103 TENRIBHT	186.511 ( 9.271)	0.125 ( 0.005)	0.988 ( 0.010)	19.327	.858
104 THGHCIRC	119.855 (14.001)	0.453 ( 0.008)	0.103 ( 0.015)	29.188	.649
109 VTCASCC	704.094 (22.332)	0.678 ( 0.013)	0.359 ( 0.024)	46.556	.638
110 VTCUSA	724.430 (23.173)	0.665 ( 0.013)	0.399 ( 0.025)	48.311	.617
111 WSTBLNI	239.755 (10.350)	0.055 ( 0.006)	0.149 ( 0.011)	21.577	.137
112 WSTBLOM	217.091 (10.301)	0.165 ( 0.006)	0.142 ( 0.011)	21.475	.359
113 WSTBRTH	19.022 ( 3.838)	0.318 ( 0.002)	0.019 ( 0.004)	8.000	.922
114 WSCIRCNI	131.828 ( 5.041)	0.821 ( 0.006)	----- (-----)	21.160	.918
116 WSTDEPTH	-0.633 ( 4.360)	0.277 ( 0.003)	-0.014 ( 0.005)	9.091	.874
117 WSTFRLNI	227.552 (10.041)	0.052 ( 0.006)	0.088 ( 0.011)	20.934	.080
118 WSTFRLM	209.554 ( 9.380)	0.163 ( 0.005)	0.077 ( 0.010)	19.556	.362
119 WSTHNI	149.362 ( 8.049)	0.155 ( 0.005)	1.008 ( 0.009)	16.781	.896
120 WSTHOM	162.734 ( 8.466)	0.044 ( 0.005)	1.025 ( 0.009)	17.649	.880
121 WSTSTNI	160.679 ( 6.891)	0.088 ( 0.004)	0.060 ( 0.007)	14.367	.249
122 WSTSTOM	175.349 ( 7.181)	0.012 ( 0.004)	0.059 ( 0.008)	14.971	.036
123 WSHIPLTH	118.034 ( 9.634)	-0.011 ( 0.006)	0.081 ( 0.010)	20.085	.034
124 WSNWISOM	-28.406 ( 3.709)	0.114 ( 0.004)	----- (-----)	15.570	.285

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.868  
INTERCEPT WITH SLOPE 115 = -0.444  
SLOPE 39 WITH SLOPE 115 = -0.060

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 115 = -0.995



MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 34 (CHSTCIRC) CHEST CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 34 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-38.439 (11.857)	-0.021 ( 0.007)	0.316 ( 0.007)	18.433	.575
5 ACDLGT	-28.979 ( 6.557)	0.199 ( 0.004)	0.020 ( 0.004)	10.193	.647
8 AXARCIRC	35.908 ( 9.865)	-0.015 ( 0.006)	0.329 ( 0.006)	15.337	.681
11 BCRMBDTH	134.413 ( 9.559)	0.106 ( 0.006)	0.077 ( 0.005)	14.861	.315
12 BICIRCFL	51.676 ( 6.292)	----- (-----)	0.288 ( 0.006)	18.410	.539
13 BIDLBOTH	100.393 ( 8.905)	0.055 ( 0.005)	0.297 ( 0.005)	13.844	.715
23 BSTPTBR	-4.043 ( 8.600)	0.020 ( 0.005)	0.187 ( 0.005)	13.369	.501
24 BUTTCIRC	35.381 (22.336)	0.151 ( 0.013)	0.688 ( 0.013)	34.724	.688
25 BUTTDPH	6.624 ( 8.615)	0.010 ( 0.005)	0.226 ( 0.005)	13.392	.583
26 BUTTHGHT	-148.972 (15.946)	0.610 ( 0.009)	-0.034 ( 0.009)	24.790	.723
31 CERVHGT	-119.859 ( 6.853)	0.914 ( 0.004)	0.035 ( 0.004)	10.653	.971
33 CHSTBDTH	-8.670 ( 3.801)	----- (-----)	0.333 ( 0.004)	11.122	.811
35 CHSTCISC	59.768 (11.031)	0.040 ( 0.006)	0.900 ( 0.006)	17.149	.931
36 CHSTCB	18.238 ( 5.771)	----- (-----)	0.916 ( 0.006)	16.885	.933
37 CHSTDPTH	-17.909 ( 6.182)	-0.010 ( 0.004)	0.281 ( 0.003)	9.611	.800
53 FCIRCFL	74.661 ( 8.761)	0.031 ( 0.005)	0.175 ( 0.005)	13.620	.473
55 FORHDLG	24.676 ( 9.651)	0.262 ( 0.005)	----- (-----)	15.451	.561
66 HIPBRTH	19.659 ( 8.398)	0.076 ( 0.005)	0.190 ( 0.005)	13.055	.585
70 INSCYE1	48.447 (14.695)	0.030 ( 0.009)	0.302 ( 0.008)	22.845	.472
71 INSCYE2	100.727 (13.866)	0.047 ( 0.008)	0.226 ( 0.008)	21.556	.379
80 NKBPLGTH	11.333 ( 8.164)	0.056 ( 0.005)	0.164 ( 0.005)	12.691	.511
81 NECKCIRC	137.173 ( 8.961)	0.031 ( 0.005)	0.190 ( 0.005)	13.932	.499
82 NECKCRCB	142.353 ( 9.773)	0.051 ( 0.006)	0.179 ( 0.005)	15.193	.451
89 SCYECIRC	34.820 ( 9.811)	0.065 ( 0.006)	0.300 ( 0.006)	15.252	.684
90 SCYEDPTH	20.808 ( 8.539)	0.063 ( 0.005)	0.083 ( 0.005)	13.275	.269
91 SHOUCIRC	239.034 (19.150)	0.131 ( 0.011)	0.712 ( 0.011)	29.770	.757
92 SHOUELLT	-23.435 ( 6.602)	0.214 ( 0.004)	0.016 ( 0.004)	10.263	.672
93 SHOULGTH	63.190 ( 4.570)	0.050 ( 0.004)	----- (-----)	10.519	.091
95 SLLSPEL	24.440 (10.624)	0.243 ( 0.006)	0.141 ( 0.006)	16.516	.626
96 SLLSPSC	62.786 ( 7.662)	0.028 ( 0.004)	0.116 ( 0.004)	11.911	.349
97 SLLSPWR	28.108 (13.349)	0.406 ( 0.008)	0.146 ( 0.008)	20.752	.701
98 SLOUTSM	-32.537 (11.852)	0.361 ( 0.007)	----- (-----)	18.974	.618
99 SPAN	52.127 (30.518)	0.989 ( 0.018)	0.034 ( 0.017)	47.443	.665
101 STRLGTH	69.860 (16.301)	0.147 ( 0.009)	0.386 ( 0.009)	25.341	.602
109 VTCASCC	57.629 (26.926)	0.487 ( 0.016)	0.683 ( 0.015)	41.860	.707
110 VTCUSA	56.772 (27.310)	0.525 ( 0.016)	0.659 ( 0.015)	42.456	.704
111 WSTBLNI	39.347 (11.981)	0.199 ( 0.007)	0.024 ( 0.007)	18.626	.357
112 WSTBLDM	22.827 (13.244)	0.196 ( 0.008)	0.113 ( 0.007)	20.589	.411
113 WSTBRTH	-73.347 (10.063)	0.026 ( 0.006)	0.339 ( 0.006)	15.643	.703
114 WSCIRCNI	-94.479 (12.055)	----- (-----)	0.943 ( 0.012)	35.275	.773
115 WSCIRCNI	-178.309 (16.070)	----- (-----)	1.050 ( 0.016)	47.023	.704
116 WSTDEPTH	-39.684 (10.388)	-0.013 ( 0.006)	0.291 ( 0.006)	16.150	.601
117 WSTFRLNI	42.406 (12.054)	0.153 ( 0.007)	0.034 ( 0.007)	18.739	.263
118 WSTFRLDM	30.122 (12.436)	0.148 ( 0.007)	0.125 ( 0.007)	19.333	.376
119 WSTHNI	-150.368 (12.877)	0.707 ( 0.007)	0.037 ( 0.007)	20.019	.852
120 WSTHOM	-143.022 (12.998)	0.715 ( 0.008)	-0.055 ( 0.007)	20.207	.843
121 WSHSTNI	46.838 ( 8.903)	0.101 ( 0.005)	0.063 ( 0.005)	13.841	.303
122 WSHSTDM	67.487 ( 8.662)	0.095 ( 0.005)	----- (-----)	13.867	.174
123 WSHIPLTH	-2.289 (12.038)	0.102 ( 0.007)	----- (-----)	19.272	.111
127 WRISCIRC	37.763 ( 3.902)	0.045 ( 0.002)	0.057 ( 0.002)	6.066	.467

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 34 = -0.239  
INTERCEPT WITH SLOPE 100 = -0.847  
SLOPE 34 WITH SLOPE 100 = -0.312
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 34 = -0.998  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 91 (SHOUCIRC) SHOULDER CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 91 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	-71.764 (14.547)	-0.030 ( 0.008)	0.310 ( 0.009)	21.831	.404
5 ACRDLGTH	-35.929 ( 6.768)	0.195 ( 0.004)	0.029 ( 0.004)	10.156	.650
8 AXARCIRC	-39.898 ( 9.764)	-0.053 ( 0.006)	0.398 ( 0.006)	14.652	.708
11 BCMBDTH	83.072 ( 8.750)	0.075 ( 0.005)	0.155 ( 0.006)	13.131	.466
12 BICIRCFL	-16.054 (11.141)	-0.047 ( 0.006)	0.371 ( 0.007)	16.719	.620
13 BIDLBDTH	11.559 ( 6.238)	0.008 ( 0.004)	0.397 ( 0.004)	9.360	.870
23 BSTPTBR	-23.620 (10.038)	0.014 ( 0.006)	0.183 ( 0.006)	15.064	.366
24 BUTTCIRC	-83.993 (25.566)	0.099 ( 0.015)	0.761 ( 0.016)	38.366	.619
25 BUTDPTH	-32.188 ( 6.897)	----- (-----)	0.238 ( 0.006)	14.905	.484
26 BUTTHGHT	-151.989 (16.568)	0.606 ( 0.010)	-0.021 ( 0.011)	24.864	.721
31 CERVHGT	-123.276 ( 7.152)	0.913 ( 0.004)	0.033 ( 0.005)	10.733	.971
33 CHSTBDTH	-54.177 (10.324)	-0.016 ( 0.006)	0.343 ( 0.007)	15.493	.632
34 CHSTCIRC	-116.232 (23.507)	-0.038 ( 0.014)	0.999 ( 0.015)	35.277	.739
35 CHSTCISC	-94.468 (18.510)	-0.027 ( 0.011)	0.991 ( 0.012)	27.777	.819
36 CHSTCB	-60.377 (25.623)	-0.035 ( 0.015)	0.892 ( 0.016)	38.451	.655
37 CHSTDPTH	-44.661 ( 9.634)	-0.017 ( 0.006)	0.270 ( 0.006)	14.457	.547
53 FCIRCFL	30.382 ( 5.765)	----- (-----)	0.232 ( 0.005)	12.457	.559
55 FORHDLG	2.004 (10.182)	0.247 ( 0.006)	0.042 ( 0.007)	15.280	.571
66 HIPBRTH	-5.642 ( 9.626)	0.067 ( 0.006)	0.196 ( 0.006)	14.445	.492
70 INSCYE1	-32.006 (10.261)	----- (-----)	0.369 ( 0.009)	22.174	.502
71 INSCYE2	30.850 ( 8.966)	----- (-----)	0.320 ( 0.008)	19.376	.499
80 NKBPLGTH	-5.722 ( 9.377)	0.051 ( 0.005)	0.160 ( 0.006)	14.071	.399
81 NECKCIRC	100.566 ( 6.244)	----- (-----)	0.237 ( 0.005)	13.494	.530
82 NECKCRCB	95.781 ( 9.688)	0.027 ( 0.006)	0.226 ( 0.006)	14.538	.497
89 SCYECIRC	-22.236 (10.823)	0.038 ( 0.006)	0.341 ( 0.007)	16.241	.641
90 SCYEDPTH	5.910 ( 8.929)	0.056 ( 0.005)	0.092 ( 0.006)	13.399	.255
92 SHOUELT	-30.542 ( 6.809)	0.210 ( 0.004)	0.026 ( 0.004)	10.218	.675
93 SHOULGTH	38.196 ( 6.801)	0.033 ( 0.004)	0.046 ( 0.004)	10.206	.143
95 SLLSPEL	-24.031 (10.225)	0.216 ( 0.006)	0.200 ( 0.007)	15.344	.677
96 SLLSPSC	32.744 ( 7.709)	0.012 ( 0.004)	0.146 ( 0.005)	11.569	.366
97 SLLSPWR	-31.981 (12.755)	0.372 ( 0.007)	0.226 ( 0.008)	19.141	.745
98 SLOUTSM	-48.858 (12.598)	0.350 ( 0.007)	0.030 ( 0.008)	18.906	.621
99 SPAN	-37.772 (30.838)	0.931 ( 0.018)	0.193 ( 0.020)	46.278	.681
101 STRLGTH	2.807 (17.945)	0.118 ( 0.010)	0.427 ( 0.012)	26.929	.550
109 VTCASCC	-6.629 (32.959)	0.471 ( 0.019)	0.654 ( 0.021)	49.461	.591
110 VTCUSA	-4.592 (33.012)	0.510 ( 0.019)	0.630 ( 0.021)	49.540	.598
111 WSTBLNI	49.596 (11.673)	0.206 ( 0.007)	----- (-----)	18.688	.353
112 WSTBLOM	25.974 (14.261)	0.202 ( 0.008)	0.083 ( 0.009)	21.402	.363
113 WSTBRTH	-103.750 (13.689)	0.019 ( 0.008)	0.322 ( 0.009)	20.543	.487
114 WSCIRCNI	-163.335 (32.843)	-0.057 ( 0.019)	0.938 ( 0.021)	49.286	.557
115 WSCIRCNI	-319.923 (28.437)	----- (-----)	1.006 ( 0.024)	61.451	.494
116 WSTDEPTH	-68.826 (13.008)	-0.021 ( 0.008)	0.282 ( 0.008)	19.521	.417
117 WSTFRLNI	47.065 (12.559)	0.158 ( 0.007)	0.018 ( 0.008)	18.847	.255
118 WSTFRLNI	26.414 (13.447)	0.151 ( 0.008)	0.105 ( 0.009)	20.180	.321
119 WSTHNI	-165.774 (13.269)	0.698 ( 0.008)	0.058 ( 0.009)	19.913	.854
120 WSTHOM	-147.723 (13.618)	0.710 ( 0.008)	-0.034 ( 0.009)	20.437	.839
121 WSHSTNI	35.111 ( 9.263)	0.096 ( 0.005)	0.071 ( 0.006)	13.901	.296
122 WSHSTOM	57.292 ( 9.217)	0.088 ( 0.005)	0.019 ( 0.006)	13.832	.177
123 WSHIPLTH	-2.289 (12.038)	0.102 ( 0.007)	----- (-----)	19.272	.111
127 WRISCIRC	23.347 ( 3.953)	0.038 ( 0.002)	0.072 ( 0.003)	5.933	.490

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 91 = -0.348  
INTERCEPT WITH SLOPE 100 = -0.700  
SLOPE 91 WITH SLOPE 100 = -0.399
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 91 = -0.999  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 39 (CRCHGHT) CROTCH HEIGHT  
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
5 ACRDLGTH	21.360 ( 5.426)	0.057 ( 0.003)	0.270 ( 0.005)	9.326	.705
6 ANKLCIRC	49.642 ( 6.114)	0.095 ( 0.003)	0.021 ( 0.006)	10.508	.350
8 AXARCIRC	9.174 (11.958)	0.235 ( 0.007)	-0.069 ( 0.011)	20.554	.426
11 BCMBDTH	178.319 ( 9.071)	0.080 ( 0.005)	0.106 ( 0.008)	15.592	.246
12 BICIRCFL	44.025 (11.526)	0.180 ( 0.007)	----- (-----)	23.199	.268
13 BIDLBDTH	124.830 ( 9.484)	0.225 ( 0.006)	----- (-----)	19.089	.458
24 BUTTCIRC	-40.225 (19.024)	0.627 ( 0.012)	----- (-----)	38.291	.621
26 BUTTHGHT	16.299 ( 9.172)	0.058 ( 0.005)	0.927 ( 0.008)	15.765	.888
29 CALFCIRC	50.802 ( 9.961)	0.201 ( 0.006)	----- (-----)	20.049	.379
31 CERVHGHT	103.664 ( 9.901)	0.347 ( 0.005)	1.014 ( 0.009)	17.019	.926
34 CHSTCIRC	10.548 (27.625)	0.658 ( 0.015)	-0.110 ( 0.025)	47.483	.527
35 CHSTCISC	86.136 (26.846)	0.601 ( 0.015)	-0.052 ( 0.025)	46.145	.502
36 CHSTCB	18.183 (25.531)	0.643 ( 0.014)	-0.168 ( 0.023)	43.885	.551
40 CRCHLNI	-91.842 (18.915)	0.594 ( 0.010)	-0.132 ( 0.017)	32.513	.657
41 CRHLOM	-11.927 (16.310)	0.430 ( 0.009)	-0.059 ( 0.015)	28.035	.579
42 CRLPNI	-1.397 (11.940)	0.260 ( 0.007)	-0.041 ( 0.011)	20.523	.483
43 CRLPOM	41.308 (10.388)	0.168 ( 0.006)	----- (-----)	20.908	.283
53 FCIRCFL	71.799 ( 9.112)	0.126 ( 0.005)	0.031 ( 0.008)	15.662	.303
57 GLUFURHT	-13.210 ( 8.174)	0.035 ( 0.004)	0.921 ( 0.008)	14.050	.905
66 HIPBRTH	24.843 ( 6.678)	0.194 ( 0.004)	----- (-----)	13.442	.560
70 INSCYE1	90.287 (13.754)	0.191 ( 0.008)	----- (-----)	27.683	.225
71 INSCYE2	147.543 (14.417)	0.142 ( 0.008)	0.032 ( 0.013)	24.781	.180
72 KNEECIRC	30.646 ( 8.926)	0.196 ( 0.005)	0.043 ( 0.008)	15.342	.520
73 KNEEHMP	-17.082 ( 6.053)	0.053 ( 0.003)	0.520 ( 0.006)	10.404	.858
77 LOTHCIRC	15.647 (11.390)	0.243 ( 0.006)	-0.025 ( 0.010)	19.578	.477
81 NECKCIRC	125.986 ( 7.703)	0.155 ( 0.005)	----- (-----)	15.505	.380
82 NECKCRCB	155.574 ( 8.227)	0.155 ( 0.005)	----- (-----)	16.558	.348
89 SCYECIRC	35.795 ( 9.309)	0.251 ( 0.006)	----- (-----)	18.736	.523
90 SCYEDPTH	43.994 ( 7.907)	0.092 ( 0.004)	0.023 ( 0.007)	13.590	.234
91 SHOUCIRC	288.806 (26.250)	0.497 ( 0.014)	0.091 ( 0.024)	45.121	.442
93 SHOULGTH	88.107 ( 6.191)	0.009 ( 0.003)	0.057 ( 0.006)	10.641	.069
95 SLLSPEL	99.571 (10.424)	0.157 ( 0.006)	0.282 ( 0.010)	17.918	.560
96 SLLSPSC	78.692 ( 6.448)	0.090 ( 0.004)	----- (-----)	12.979	.228
97 SLLSPWR	139.047 (11.912)	0.181 ( 0.006)	0.539 ( 0.011)	20.475	.709
98 SLOUTSM	57.550 ( 9.667)	0.070 ( 0.005)	0.513 ( 0.009)	16.616	.707
99 SPAN	331.230 (24.423)	0.199 ( 0.013)	1.394 ( 0.022)	41.979	.738
101 STRLGTH	116.118 (14.074)	0.364 ( 0.009)	----- (-----)	28.327	.502
104 THGHCIRC	-73.630 (20.974)	0.438 ( 0.011)	-0.054 ( 0.019)	36.052	.465
111 WSTBLNI	89.583 (10.907)	0.156 ( 0.006)	0.081 ( 0.010)	18.747	.348
112 WSTBLOM	46.429 (10.696)	0.241 ( 0.006)	0.046 ( 0.010)	18.386	.530
114 WSCIRCNI	-147.063 (28.969)	0.728 ( 0.016)	-0.241 ( 0.027)	49.794	.548
115 WSCIRCOM	-318.931 (32.344)	0.880 ( 0.018)	-0.304 ( 0.030)	55.594	.586
117 WSTFRLNI	85.783 (10.674)	0.147 ( 0.006)	0.024 ( 0.010)	18.346	.294
118 WSTFRLM	40.370 ( 8.298)	0.229 ( 0.005)	----- (-----)	16.702	.535
119 WSTHNI	18.477 ( 8.822)	0.202 ( 0.005)	0.930 ( 0.008)	15.164	.915
120 WSTHOM	50.684 ( 9.151)	0.118 ( 0.005)	0.974 ( 0.008)	15.729	.905
121 WSHSTNI	59.260 ( 6.198)	0.140 ( 0.004)	----- (-----)	12.476	.434
122 WSHSTOM	81.907 ( 7.945)	0.083 ( 0.004)	0.021 ( 0.007)	13.657	.198
123 WSHIPLTH	30.179 (11.356)	0.064 ( 0.006)	0.050 ( 0.010)	19.520	.088
127 WRISCIRC	45.777 ( 3.630)	0.063 ( 0.002)	0.030 ( 0.003)	6.240	.436

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.520  
INTERCEPT WITH SLOPE 110 = -0.673  
SLOPE 39 WITH SLOPE 110 = -0.281
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 110 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 100 (STATURE) STATURE  
125 (WEIGHT) WEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 100 (SE)	SLOPE 125 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	291.712 (10.673)	0.242 ( 0.004)	-0.138 ( 0.007)	16.224	.671
3 ACRHGHT	-101.311 (10.527)	0.036 ( 0.004)	0.863 ( 0.007)	16.002	.933
4 ACRHTST	132.472 (14.259)	0.057 ( 0.006)	0.240 ( 0.009)	21.676	.463
5 ACRDLGTH	-8.536 ( 6.704)	0.015 ( 0.003)	0.192 ( 0.004)	10.190	.647
6 ANKLCIRC	156.184 ( 1.554)	0.083 ( 0.002)	----- (-----)	9.166	.506
7 AXHGHT	-162.210 ( 9.727)	-0.011 ( 0.004)	0.850 ( 0.006)	14.785	.935
8 AXARCIRC	378.468 ( 8.170)	0.251 ( 0.003)	-0.137 ( 0.005)	12.419	.791
9 BLFTCIRC	130.908 ( 6.130)	0.055 ( 0.002)	0.043 ( 0.004)	9.319	.424
10 BLFTLGTH	35.329 ( 5.211)	0.017 ( 0.002)	0.084 ( 0.003)	7.921	.426
11 BCMRBDTH	210.033 ( 9.803)	0.053 ( 0.004)	0.083 ( 0.006)	14.901	.312
12 BICIRCFL	368.343 (10.523)	0.227 ( 0.004)	-0.119 ( 0.007)	15.996	.652
13 BIDLBOTH	395.859 ( 9.091)	0.209 ( 0.004)	-0.039 ( 0.006)	13.820	.716
14 BIMBDTH	29.495 ( 2.063)	0.012 ( 0.001)	0.019 ( 0.001)	3.136	.356
15 BISBDTH	131.870 (11.283)	0.081 ( 0.004)	0.020 ( 0.007)	17.152	.247
16 BITCHARC	267.922 ( 1.795)	0.074 ( 0.002)	----- (-----)	10.592	.374
17 BITCOARC	283.396 ( 8.026)	0.027 ( 0.003)	0.028 ( 0.005)	12.200	.109
18 BITCRARC	298.041 ( 1.868)	0.036 ( 0.002)	----- (-----)	10.913	.118
19 BITFRARC	270.975 ( 1.617)	0.043 ( 0.002)	----- (-----)	9.538	.197
20 BITSMARC	238.283 ( 1.885)	0.084 ( 0.002)	----- (-----)	11.123	.413
21 BITSNARC	263.219 ( 6.201)	0.056 ( 0.002)	-0.009 ( 0.004)	9.426	.285
22 BIZBDTH	131.214 ( 3.208)	0.027 ( 0.001)	-0.007 ( 0.002)	4.877	.241
23 BSTPTBR	170.743 ( 9.521)	0.118 ( 0.004)	-0.027 ( 0.006)	14.473	.415
24 BUTTCIRC	789.688 (13.462)	0.571 ( 0.005)	-0.145 ( 0.009)	20.463	.892
25 BUTTDPHT	253.060 ( 6.590)	0.186 ( 0.003)	-0.086 ( 0.004)	10.018	.767
26 BUTTHGHT	-177.993 (16.338)	-0.018 ( 0.006)	0.615 ( 0.011)	24.835	.722
27 BUTTKLTH	50.582 (10.674)	0.079 ( 0.004)	0.287 ( 0.007)	16.226	.705
28 BUTTPLTH	-9.715 (10.842)	0.038 ( 0.004)	0.274 ( 0.007)	16.481	.616
29 CALFCIRC	324.654 ( 9.546)	0.206 ( 0.004)	-0.062 ( 0.006)	14.511	.675
30 CALFHGHT	-108.449 ( 9.933)	----- (-----)	0.263 ( 0.006)	15.903	.550
31 CERVHGHT	-82.841 ( 6.963)	0.028 ( 0.003)	0.900 ( 0.004)	10.584	.972
32 CERVSIT	153.000 (13.894)	0.052 ( 0.005)	0.275 ( 0.009)	21.120	.521
33 CHSTBDTH	303.272 ( 9.530)	0.212 ( 0.004)	-0.085 ( 0.006)	14.486	.678
34 CHSTCIRC	928.002 (20.302)	0.622 ( 0.008)	-0.242 ( 0.013)	30.861	.800
35 CHSTCISC	905.849 (20.164)	0.573 ( 0.008)	-0.189 ( 0.013)	30.651	.780
36 CHSTCB	894.596 (20.494)	0.584 ( 0.008)	-0.243 ( 0.013)	31.153	.773
37 CHSTDPTH	252.301 ( 7.521)	0.187 ( 0.003)	-0.089 ( 0.005)	11.433	.717
38 CHSTHGHT	-141.217 (11.285)	-0.018 ( 0.004)	0.815 ( 0.007)	17.155	.906
39 CRCHHGHT	-252.873 (15.402)	-0.068 ( 0.006)	0.651 ( 0.010)	23.413	.744
40 CRCHLNI	550.270 (21.436)	0.426 ( 0.008)	-0.067 ( 0.014)	32.585	.656
41 CRHLOM	375.284 (20.031)	0.265 ( 0.008)	0.032 ( 0.013)	30.448	.503
42 CRLPNI	250.969 ( 3.550)	0.175 ( 0.004)	----- (-----)	20.943	.462
43 CRLPOM	143.902 (14.383)	0.078 ( 0.006)	0.063 ( 0.009)	21.863	.216
44 EARBOTH	25.418 ( 1.724)	0.004 ( 0.001)	0.005 ( 0.001)	2.620	.066
45 EARLGTH	44.132 ( 2.678)	0.010 ( 0.001)	0.007 ( 0.002)	4.071	.104
46 EARLTRAG	24.968 ( 1.622)	0.002 ( 0.001)	0.003 ( 0.001)	2.465	.022
48 ELBCIRC	184.561 ( 1.349)	0.118 ( 0.002)	----- (-----)	7.958	.730
49 ELRHGHT	183.586 ( 4.470)	0.060 ( 0.006)	----- (-----)	26.372	.060
50 EYEHTSIT	149.746 (15.438)	0.014 ( 0.006)	0.359 ( 0.010)	23.468	.529
51 FTBRHOR	51.277 ( 2.775)	0.020 ( 0.001)	0.019 ( 0.002)	4.218	.357
52 FOOTLGTH	46.287 ( 6.006)	0.022 ( 0.002)	0.117 ( 0.004)	9.130	.514
53 FCIRCFL	263.221 ( 7.930)	0.141 ( 0.003)	-0.040 ( 0.005)	12.055	.587
54 FORFORBR	572.632 (17.908)	0.351 ( 0.007)	-0.172 ( 0.012)	27.222	.611
55 FORHDLG	42.519 (10.077)	0.022 ( 0.004)	0.242 ( 0.006)	15.318	.569
56 FNCLEGLG	-41.214 (16.103)	0.056 ( 0.006)	0.615 ( 0.010)	24.478	.770
57 GLUFURHT	-228.743 (15.769)	-0.031 ( 0.006)	0.608 ( 0.010)	23.970	.724
58 HANDBRTH	52.100 ( 2.273)	0.016 ( 0.001)	0.015 ( 0.001)	3.455	.329
59 HANDCIRC	128.762 ( 4.963)	0.043 ( 0.002)	0.029 ( 0.003)	7.544	.393
60 HANDLGTH	36.593 ( 4.836)	0.012 ( 0.002)	0.084 ( 0.003)	7.351	.435
61 HEADBRTH	149.975 ( 3.359)	0.018 ( 0.001)	-0.007 ( 0.002)	5.106	.107
62 HEADCIRC	480.736 ( 8.677)	0.063 ( 0.003)	0.021 ( 0.006)	13.189	.263
63 HEADLGTH	146.210 ( 4.240)	0.016 ( 0.002)	0.022 ( 0.003)	6.445	.166
64 HLAKCIRC	120.362 ( 6.829)	0.073 ( 0.003)	0.092 ( 0.004)	10.380	.593
65 HEELBRTH	51.668 ( 1.773)	0.024 ( 0.001)	----- (-----)	4.560	.248
66 HIPBRTH	222.801 ( 1.911)	0.152 ( 0.002)	----- (-----)	11.273	.691
67 HIPBRST	250.795 ( 8.040)	0.206 ( 0.003)	-0.026 ( 0.005)	12.222	.764
68 ILCRSIT	-181.841 (13.206)	-0.016 ( 0.005)	0.722 ( 0.009)	20.075	.847
69 INPUPBTH	57.951 ( 1.608)	0.009 ( 0.001)	----- (-----)	3.585	.066
70 INSCYE1	326.415 (16.370)	0.185 ( 0.006)	-0.040 ( 0.011)	24.885	.373

MULTIPLE REGRESSIONS -- MALE

71	INSCYE2	296.591 ( 3.811)	0.140 ( 0.005)	----- (-----)	22.482	.325
72	KNEECIRC	249.957 ( 1.840)	0.174 ( 0.002)	----- (-----)	10.853	.760
73	KNEEHTMP	-110.914 ( 9.084)	----- (-----)	0.351 ( 0.005)	14.544	.722
74	KNEHTSI	-66.753 ( 8.349)	0.030 ( 0.003)	0.343 ( 0.005)	12.692	.793
75	LATFEMEP	-99.354 ( 8.100)	----- (-----)	0.342 ( 0.005)	12.968	.757
76	LATMALHT	6.198 ( 3.183)	0.006 ( 0.001)	0.032 ( 0.002)	4.839	.218
77	LOTHCIRC	341.645 ( 8.513)	0.236 ( 0.003)	-0.077 ( 0.005)	12.941	.772
78	MENSELL	77.985 ( 4.024)	0.010 ( 0.002)	0.021 ( 0.003)	6.117	.110
79	MSHTSIT	156.780 (12.683)	0.060 ( 0.005)	0.243 ( 0.008)	19.279	.534
80	NKBPLGTH	181.440 ( 2.168)	0.116 ( 0.003)	----- (-----)	12.793	.503
81	NECKCIRC	336.648 ( 8.414)	0.147 ( 0.003)	-0.041 ( 0.005)	12.790	.578
82	NECKCRCB	329.127 ( 9.432)	0.137 ( 0.004)	-0.016 ( 0.006)	14.338	.511
83	NECKHTLT	-61.938 ( 6.680)	0.030 ( 0.003)	0.882 ( 0.004)	10.155	.973
84	OVHDFTPH	-156.194 (22.438)	0.017 ( 0.009)	1.352 ( 0.014)	34.108	.878
85	OVHFRHE	-124.932 (22.393)	----- (-----)	1.397 ( 0.013)	35.851	.871
86	OVHDFRHS	144.704 (19.221)	0.062 ( 0.007)	0.707 ( 0.012)	29.217	.755
87	POPHGHT	-155.661 ( 8.231)	-0.040 ( 0.003)	0.354 ( 0.005)	12.512	.748
88	RASTL	-10.292 ( 7.389)	0.008 ( 0.003)	0.156 ( 0.005)	11.232	.485
89	SCYECIRC	339.141 ( 9.406)	0.219 ( 0.004)	-0.037 ( 0.006)	14.298	.722
90	SCYEDPTH	103.704 ( 8.717)	0.059 ( 0.003)	0.036 ( 0.006)	13.251	.272
91	SHOUCIRC	943.963 (19.955)	0.498 ( 0.008)	-0.091 ( 0.013)	30.334	.748
92	SHOUELLT	-7.329 ( 6.752)	0.011 ( 0.003)	0.209 ( 0.004)	10.264	.672
93	SHOULGTH	63.190 ( 6.570)	----- (-----)	0.050 ( 0.004)	10.519	.091
94	SITTHGHT	236.695 (15.680)	0.019 ( 0.006)	0.377 ( 0.010)	23.835	.551
95	SLLSPEL	156.392 (11.189)	0.089 ( 0.004)	0.208 ( 0.007)	17.009	.604
96	SLLSPSC	170.829 ( 2.126)	0.070 ( 0.003)	----- (-----)	12.544	.279
97	SLLSPWR	174.614 (13.614)	0.104 ( 0.005)	0.358 ( 0.009)	20.694	.702
98	SLOUTSM	-32.537 (11.852)	----- (-----)	0.361 ( 0.007)	18.974	.618
99	SPAN	110.959 (31.065)	0.055 ( 0.012)	0.951 ( 0.020)	47.222	.668
101	STRLGTH	456.496 (16.460)	0.275 ( 0.006)	0.022 ( 0.011)	25.021	.612
102	SUPSTRHT	-64.812 ( 7.486)	0.030 ( 0.003)	0.843 ( 0.005)	11.379	.963
103	TENRIBHT	-118.513 (12.404)	0.018 ( 0.005)	0.698 ( 0.008)	18.855	.865
104	THGHCIRC	602.377 (12.216)	0.467 ( 0.005)	-0.212 ( 0.008)	18.569	.858
105	THGHCLR	164.049 ( 4.477)	0.107 ( 0.002)	-0.046 ( 0.003)	6.805	.707
106	THUMBBR	17.355 ( 0.812)	0.005 ( 0.000)	0.002 ( 0.001)	1.234	.179
107	THMBTPR	51.443 (15.978)	0.057 ( 0.006)	0.401 ( 0.010)	24.289	.615
108	TROCHHT	-182.831 (15.666)	-0.034 ( 0.006)	0.648 ( 0.010)	23.814	.751
109	VTCASCC	759.039 (25.616)	0.509 ( 0.010)	0.245 ( 0.017)	38.939	.747
110	UTCUSA	736.326 (25.958)	0.494 ( 0.010)	0.289 ( 0.017)	39.459	.745
111	WSTBLWI	49.596 (11.673)	----- (-----)	0.206 ( 0.007)	18.688	.353
112	WSTBLOM	138.234 (13.469)	0.083 ( 0.005)	0.157 ( 0.009)	20.474	.417
113	WSTBRTH	267.535 ( 9.938)	0.243 ( 0.004)	-0.085 ( 0.006)	15.106	.723
114	WSCIRCNI	895.311 (21.932)	0.681 ( 0.009)	-0.336 ( 0.014)	33.338	.797
115	WSCIRCOM	863.094 (27.172)	0.775 ( 0.011)	-0.347 ( 0.018)	41.305	.771
116	WSTDEPTH	263.527 ( 9.229)	0.222 ( 0.004)	-0.121 ( 0.006)	14.028	.699
117	WSTFRLNI	56.944 (11.786)	----- (-----)	0.164 ( 0.007)	18.868	.253
118	WSTFRLM	158.533 (12.579)	0.093 ( 0.005)	0.104 ( 0.008)	19.122	.390
119	WSTHNI	-100.020 (13.007)	0.043 ( 0.005)	0.680 ( 0.008)	19.772	.856
120	WSTHOM	-200.546 (13.251)	-0.042 ( 0.005)	0.736 ( 0.009)	20.143	.844
121	WSHTSTNI	118.761 ( 8.875)	0.056 ( 0.003)	0.071 ( 0.006)	13.491	.337
122	WSHTSTOM	73.389 ( 9.114)	0.007 ( 0.004)	0.089 ( 0.006)	13.854	.175
123	WSHPLTH	-15.941 (12.639)	-0.017 ( 0.005)	0.117 ( 0.008)	19.213	.116
124	WSNIWSOM	97.282 (10.813)	0.088 ( 0.004)	-0.055 ( 0.007)	16.437	.203
126	WRCTRGRL	34.839 ( 2.984)	0.009 ( 0.001)	0.016 ( 0.002)	4.536	.133
127	WRISCIRC	100.579 ( 3.677)	0.048 ( 0.001)	0.021 ( 0.002)	5.589	.548
128	WRISHGHT	-60.765 (13.998)	0.032 ( 0.005)	0.503 ( 0.009)	21.278	.737
129	WRISHTST	600.330 (22.709)	0.066 ( 0.009)	-0.109 ( 0.015)	34.519	.038
130	WRINFNGL	29.941 ( 4.397)	0.010 ( 0.002)	0.081 ( 0.003)	6.683	.457
131	WRTHLGTH	22.739 ( 3.507)	0.007 ( 0.001)	0.055 ( 0.002)	5.331	.373
132	WRWALLLN	32.342 (14.653)	0.053 ( 0.006)	0.346 ( 0.009)	22.275	.590
133	WRWALLEX	57.548 (16.090)	0.049 ( 0.006)	0.371 ( 0.010)	24.459	.570
212	BIGBRN	1410.994 (40.979)	0.512 ( 0.016)	-0.355 ( 0.026)	62.292	.374
213	BIINORBH	597.724 ( 8.354)	0.111 ( 0.011)	----- (-----)	49.286	.059
214	BIOCBRMH	1085.805 ( 8.673)	0.168 ( 0.011)	----- (-----)	51.171	.117
215	BTRBDTHH	1338.696 (35.569)	0.240 ( 0.014)	-0.045 ( 0.023)	54.069	.178
216	BIZYBRH	1417.940 (35.621)	0.341 ( 0.014)	-0.144 ( 0.023)	54.147	.278
217	L1PLGTHH	490.505 ( 7.063)	0.090 ( 0.009)	----- (-----)	41.668	.054
218	MAXFRONH	1001.904 ( 8.207)	0.167 ( 0.010)	----- (-----)	48.418	.128
219	MENCRINH	1562.877 (67.559)	0.195 ( 0.026)	0.109 ( 0.044)	102.040	.061
220	MENSELLH	779.412 (39.673)	0.086 ( 0.015)	0.208 ( 0.026)	60.307	.104
221	MENSUBNH	461.587 (35.585)	0.069 ( 0.014)	0.125 ( 0.023)	54.093	.062
222	MINFRONH	931.589 ( 8.271)	0.152 ( 0.010)	----- (-----)	48.794	.107

MULTIPLE REGRESSIONS -- MALE

223	NOSEBRTH	413.680 (29.847)	0.086 ( 0.012)	-0.066 ( 0.019)	45.371	.030
224	NOSEPRH	75.482 (15.819)	0.018 ( 0.006)	0.056 ( 0.010)	24.046	.042
225	SBNSELH	345.093 (22.982)	----- (-----)	0.091 ( 0.013)	36.793	.027
226	ALAREB	1550.785 (48.141)	0.206 ( 0.019)	0.163 ( 0.031)	73.179	.145
227	ALARET	1053.336 (44.598)	----- (-----)	0.285 ( 0.025)	71.401	.066
228	CHEILB	1518.011 (56.875)	0.238 ( 0.022)	0.085 ( 0.037)	86.456	.106
229	CHEILT	1335.953 (46.110)	0.103 ( 0.018)	0.263 ( 0.030)	70.092	.117
230	CRINIONX	1240.873 (64.094)	0.091 ( 0.025)	0.297 ( 0.041)	96.806	.070
231	CRINIONZ	59.649 (64.641)	----- (-----)	0.204 ( 0.037)	102.737	.017
232	ECTORBB	1291.295 (38.344)	0.175 ( 0.015)	0.098 ( 0.025)	58.287	.140
233	ECTORBT	856.389 (36.546)	0.050 ( 0.014)	0.163 ( 0.024)	55.554	.065
234	FRTEMB	1373.612 (39.326)	0.157 ( 0.015)	0.141 ( 0.025)	59.780	.137
235	FRTEMT	674.628 (43.013)	----- (-----)	0.130 ( 0.024)	68.863	.016
236	GLABX	1504.138 (43.121)	0.182 ( 0.017)	0.199 ( 0.028)	65.548	.169
237	GLABZ	667.860 (44.903)	----- (-----)	0.168 ( 0.026)	71.889	.024
238	GONIONB	979.663 (12.197)	0.250 ( 0.015)	----- (-----)	71.956	.130
239	GONIONT	1391.217 (45.157)	0.208 ( 0.018)	0.242 ( 0.029)	68.644	.203
240	INFORBB	1466.209 (42.421)	0.197 ( 0.016)	0.107 ( 0.027)	64.484	.143
241	INFORBT	953.271 (37.006)	0.040 ( 0.014)	0.184 ( 0.024)	56.252	.067
242	MENTONX	1531.436 (16.293)	0.372 ( 0.021)	----- (-----)	96.151	.156
243	MENTONZ	1579.460 (53.376)	0.148 ( 0.021)	0.355 ( 0.034)	81.137	.160
244	PMENTONX	1661.150 (16.115)	0.358 ( 0.020)	----- (-----)	95.075	.149
245	PMENTONZ	1488.496 (54.602)	0.122 ( 0.021)	0.333 ( 0.035)	83.001	.126
246	PRONASX	1593.040 (47.595)	0.203 ( 0.018)	0.250 ( 0.031)	72.348	.186
247	PRONASZ	1059.755 (51.475)	----- (-----)	0.262 ( 0.029)	82.410	.043
248	SELLIONX	1480.332 (42.774)	0.177 ( 0.017)	0.200 ( 0.028)	65.020	.167
249	SELLIONZ	799.866 (44.630)	0.040 ( 0.017)	0.164 ( 0.029)	67.842	.040
250	STOMIONX	1636.347 (59.628)	0.264 ( 0.023)	0.086 ( 0.038)	90.641	.115
251	STOMIONZ	1296.615 (48.731)	0.069 ( 0.019)	0.292 ( 0.031)	74.077	.098
252	SUBNASX	1550.266 (50.445)	0.199 ( 0.020)	0.187 ( 0.033)	76.682	.138
253	SUBNASZ	1105.912 (46.501)	----- (-----)	0.292 ( 0.026)	74.447	.064
254	TRAGB	753.253 (37.271)	0.077 ( 0.014)	0.100 ( 0.024)	56.656	.052
255	TRAGT	944.460 (35.801)	0.058 ( 0.014)	0.182 ( 0.023)	54.421	.084
256	ZYGB	1057.690 (39.203)	0.136 ( 0.015)	0.092 ( 0.025)	59.592	.093
257	ZYGT	961.627 (36.320)	0.048 ( 0.014)	0.178 ( 0.023)	55.209	.072
258	ZYFRB	1358.363 (38.650)	0.171 ( 0.015)	0.125 ( 0.025)	58.753	.148
259	ZYFRT	761.992 (39.880)	0.035 ( 0.015)	0.156 ( 0.026)	60.621	.043

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 100 = -0.966  
INTERCEPT WITH SLOPE 125 = 0.314  
SLOPE 100 WITH SLOPE 125 = -0.185
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 100 = -0.999  
INTERCEPT WITH SLOPE 125 = -0.990

**TABLE 16**

**FEMALE STANDARD MULTIPLE REGRESSIONS**

TABLE 16  
MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE  
39 (CRCHHGT) CROTCH HEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 24 (SE)	SLOPE 39 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-49.393 ( 8.551)	0.318 ( 0.007)	-0.046 ( 0.009)	18.395	.513
6 ANKLCIRC	87.455 ( 4.694)	0.106 ( 0.004)	0.020 ( 0.005)	10.098	.299
7 AXHGHT	278.994 (11.200)	0.154 ( 0.009)	1.045 ( 0.012)	24.094	.803
25 BUTTDPH	-29.398 ( 5.863)	0.281 ( 0.005)	-0.020 ( 0.006)	12.612	.639
26 BUTTHGHT	44.517 ( 6.561)	0.059 ( 0.005)	0.955 ( 0.007)	14.115	.902
29 CALFCIRC	101.294 ( 5.856)	0.260 ( 0.006)	----- (-----)	17.090	.456
30 CALFHGHT	-64.239 ( 6.091)	0.042 ( 0.005)	0.440 ( 0.006)	13.104	.701
33 CHSTBDTH	72.790 ( 5.117)	0.214 ( 0.005)	----- (-----)	14.934	.426
34 CHSTCIRC	220.937 (20.847)	0.754 ( 0.016)	-0.056 ( 0.022)	44.848	.501
37 CHSTDPH	26.857 ( 7.244)	0.239 ( 0.006)	-0.024 ( 0.008)	15.583	.454
40 CRCHLNI	142.245 (13.953)	0.633 ( 0.014)	----- (-----)	40.723	.467
41 CRHLOM	173.938 ( 9.873)	0.448 ( 0.010)	----- (-----)	28.815	.466
42 CRLPNI	80.521 ( 8.382)	0.316 ( 0.009)	----- (-----)	24.462	.377
43 CRLPOM	101.281 ( 7.434)	0.212 ( 0.008)	----- (-----)	21.696	.257
57 GLUFURHT	25.717 ( 4.680)	----- (-----)	0.932 ( 0.006)	12.562	.915
66 HIPBRTH	21.324 ( 4.208)	0.342 ( 0.003)	-0.012 ( 0.004)	9.053	.837
68 ILCSIT	93.000 ( 6.371)	0.127 ( 0.005)	1.002 ( 0.007)	13.707	.919
72 KNEECIRC	21.923 ( 6.604)	0.291 ( 0.005)	0.080 ( 0.007)	14.207	.629
73 KNEEHMP	9.625 ( 4.380)	0.033 ( 0.003)	0.541 ( 0.005)	9.423	.870
75 LATFEMP	28.896 ( 3.851)	0.034 ( 0.003)	0.518 ( 0.004)	8.285	.888
76 LATMALHT	27.587 ( 2.364)	0.012 ( 0.002)	0.028 ( 0.002)	5.086	.082
77 LOTHCIRC	10.027 ( 7.773)	0.361 ( 0.006)	0.024 ( 0.008)	16.723	.633
79 MSHTSIT	305.346 (11.372)	0.160 ( 0.009)	0.161 ( 0.012)	24.466	.219
101 STRLGTH	218.025 (17.620)	0.431 ( 0.014)	0.057 ( 0.019)	37.907	.328
103 TENRIBHT	172.837 ( 8.500)	0.120 ( 0.007)	0.979 ( 0.009)	18.287	.859
104 THGHCIRC	-78.443 ( 6.401)	0.681 ( 0.007)	----- (-----)	18.682	.828
109 VTCASCC	582.034 (20.881)	0.808 ( 0.016)	0.162 ( 0.022)	44.921	.558
110 VTCUSA	578.648 (21.457)	0.814 ( 0.017)	0.213 ( 0.023)	46.162	.555
111 WSTBLNI	224.127 (11.236)	0.058 ( 0.009)	0.113 ( 0.012)	24.172	.069
112 WSTBLOM	204.637 (10.166)	0.152 ( 0.008)	0.118 ( 0.011)	21.870	.211
113 WSTBRTH	3.177 ( 8.955)	0.349 ( 0.007)	-0.066 ( 0.009)	19.265	.535
114 WSCIRCNI	19.045 (19.671)	0.784 ( 0.015)	-0.067 ( 0.021)	42.318	.549
115 WSCIRCUM	-94.710 (25.783)	1.034 ( 0.020)	-0.147 ( 0.027)	55.468	.550
116 WSTDEPTH	-45.920 ( 8.472)	0.285 ( 0.007)	-0.033 ( 0.009)	18.227	.463
117 WSTFRLNI	221.490 (10.745)	0.051 ( 0.008)	0.053 ( 0.011)	23.116	.031
118 WSTFRLM	206.897 ( 9.330)	0.153 ( 0.007)	0.045 ( 0.010)	20.071	.191
119 WSTHNI	114.021 ( 9.815)	0.180 ( 0.008)	0.997 ( 0.010)	21.116	.833
120 WSTHOM	130.584 ( 8.282)	0.080 ( 0.006)	1.004 ( 0.009)	17.816	.867
121 WSHSTNI	106.309 ( 9.034)	0.134 ( 0.007)	0.056 ( 0.010)	19.436	.172
122 WSHSTOM	108.151 ( 4.517)	0.124 ( 0.005)	----- (-----)	13.184	.241
123 WSHIPLTH	77.864 ( 9.785)	0.032 ( 0.008)	0.051 ( 0.010)	21.050	.022
124 WSNISOM	-23.443 ( 7.005)	0.102 ( 0.007)	----- (-----)	20.443	.083

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.598  
INTERCEPT WITH SLOPE 39 = -0.676  
SLOPE 24 WITH SLOPE 39 = -0.185

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 24 = -0.998  
INTERCEPT WITH SLOPE 39 = -0.998



MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 39 (CRCHGHT) CROTCH HEIGHT  
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALIOM

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 115 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	-1.146 ( 2.504)	0.282 ( 0.003)	----- (-----)	12.223	.785
6 ANKLCIRC	133.615 ( 4.611)	0.051 ( 0.003)	0.041 ( 0.005)	11.125	.149
7 AXHGHT	354.049 (10.461)	0.062 ( 0.007)	1.076 ( 0.012)	25.240	.784
24 BUTTCIRC	398.550 (16.468)	0.531 ( 0.010)	0.192 ( 0.019)	39.735	.564
25 BUTTDPH	54.971 ( 5.760)	0.189 ( 0.004)	0.029 ( 0.007)	13.899	.562
26 BUTTHGHT	42.930 ( 5.568)	0.068 ( 0.003)	0.962 ( 0.006)	13.436	.912
29 CALFCIRC	205.498 ( 8.480)	0.125 ( 0.005)	0.062 ( 0.010)	20.461	.219
30 CALFHGHT	-52.759 ( 5.433)	0.030 ( 0.003)	0.448 ( 0.006)	13.108	.701
33 CHSTBDTH	124.779 ( 5.554)	0.174 ( 0.003)	0.022 ( 0.006)	13.402	.538
34 CHSTCIRC	382.690 (16.407)	0.597 ( 0.010)	0.066 ( 0.019)	39.587	.612
37 CHSTDPH	79.488 ( 5.909)	0.187 ( 0.004)	0.015 ( 0.007)	14.258	.543
40 CRCHLNI	347.270 (18.744)	0.384 ( 0.012)	0.134 ( 0.022)	45.227	.342
41 CRHLOM	402.817 (15.387)	0.146 ( 0.010)	0.115 ( 0.018)	37.126	.114
42 CRLPNI	192.294 (11.396)	0.165 ( 0.007)	0.082 ( 0.013)	27.497	.213
43 CRLPOM	231.123 (10.306)	0.028 ( 0.006)	0.068 ( 0.012)	24.866	.023
57 GLUFURHT	3.922 ( 5.099)	0.031 ( 0.003)	0.928 ( 0.006)	12.302	.918
66 HIPBRTH	158.478 ( 6.804)	0.181 ( 0.004)	0.053 ( 0.008)	16.418	.463
68 ILCRSIT	140.435 ( 5.992)	0.072 ( 0.004)	1.026 ( 0.007)	14.457	.910
72 KNEECIRC	136.997 ( 7.562)	0.156 ( 0.005)	0.136 ( 0.009)	18.245	.388
73 KNEEHTMP	17.345 ( 3.895)	0.025 ( 0.002)	0.547 ( 0.005)	9.397	.870
75 LATFEMEP	38.457 ( 3.439)	0.024 ( 0.002)	0.523 ( 0.004)	8.298	.888
76 LATMALHT	31.834 ( 2.114)	0.007 ( 0.001)	0.030 ( 0.002)	5.101	.077
77 LOTHCIRC	155.340 ( 9.180)	0.190 ( 0.006)	0.093 ( 0.011)	22.150	.356
79 MSHTSIT	384.804 (10.659)	0.063 ( 0.007)	0.194 ( 0.012)	25.718	.137
101 STRLGTH	323.981 (15.390)	0.322 ( 0.010)	0.129 ( 0.018)	37.135	.355
103 TENRIBHT	235.759 ( 8.001)	0.042 ( 0.005)	1.005 ( 0.009)	19.304	.843
104 THGHCIRC	194.006 (13.342)	0.372 ( 0.008)	0.119 ( 0.016)	32.192	.489
109 VTCASCC	862.840 (21.463)	0.488 ( 0.013)	0.311 ( 0.025)	51.788	.412
110 VTCUSA	873.770 (22.395)	0.474 ( 0.014)	0.365 ( 0.026)	54.035	.390
111 WSTBLNI	251.295 (10.082)	0.025 ( 0.006)	0.125 ( 0.012)	24.327	.057
112 WSTBLOM	216.114 ( 8.339)	0.150 ( 0.005)	0.139 ( 0.010)	20.121	.332
113 WSTBRTH	42.948 ( 3.478)	0.327 ( 0.002)	-0.015 ( 0.004)	8.392	.912
114 WSCIRCNI	150.347 (12.074)	0.673 ( 0.008)	0.054 ( 0.014)	29.134	.786
116 WSTDEPTH	-15.397 ( 1.989)	0.277 ( 0.002)	----- (-----)	9.707	.848
117 WSTFRLNI	247.428 ( 9.640)	0.019 ( 0.006)	0.064 ( 0.011)	23.259	.019
118 WSTFRLM	225.088 ( 7.724)	0.142 ( 0.005)	0.068 ( 0.009)	18.637	.303
119 WSTHNI	182.761 ( 9.188)	0.099 ( 0.006)	1.031 ( 0.011)	22.169	.816
120 WSTHOM	205.801 ( 7.611)	-0.019 ( 0.005)	1.026 ( 0.009)	18.365	.858
121 WSHSTNI	163.942 ( 8.409)	0.065 ( 0.005)	0.083 ( 0.010)	20.290	.098
122 WSHSTOM	172.332 ( 6.123)	0.033 ( 0.004)	0.037 ( 0.007)	14.775	.047
123 WSHIPLTH	163.700 ( 8.246)	-0.086 ( 0.005)	0.069 ( 0.010)	19.898	.126
124 WSNISOM	-25.623 ( 3.798)	0.128 ( 0.005)	----- (-----)	18.538	.246

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.869  
INTERCEPT WITH SLOPE 115 = -0.438  
SLOPE 39 WITH SLOPE 115 = -0.061

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 115 = -0.995

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 34 (CHSTCIRC) CHEST CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 34 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-53.704 ( 5.458)	----- (-----)	0.304 ( 0.006)	17.911	.538
5 ACRDLGTH	-26.203 ( 6.063)	0.201 ( 0.004)	0.012 ( 0.004)	10.507	.603
8 AXARCIRC	28.333 ( 8.446)	-0.011 ( 0.005)	0.311 ( 0.005)	14.637	.641
11 BCRMBDTH	107.008 ( 8.447)	0.126 ( 0.005)	0.055 ( 0.005)	14.639	.293
12 BICIRCFL	56.314 ( 4.983)	----- (-----)	0.248 ( 0.005)	16.352	.482
13 BIDLBOTH	74.753 ( 7.933)	0.077 ( 0.005)	0.256 ( 0.005)	13.748	.631
23 BSTPTBR	28.114 ( 7.858)	0.023 ( 0.005)	0.131 ( 0.005)	13.619	.293
24 BUTTCIRC	69.671 (23.459)	0.203 ( 0.014)	0.625 ( 0.014)	40.657	.544
25 BUTTDPH	-1.262 ( 8.546)	0.011 ( 0.005)	0.232 ( 0.005)	14.811	.502
26 BUTTHGHT	-118.303 (13.902)	0.587 ( 0.009)	----- (-----)	25.474	.683
31 CERVHGT	-95.641 ( 5.902)	0.913 ( 0.004)	0.017 ( 0.004)	10.229	.970
33 CHSTBDTH	9.200 ( 6.112)	0.024 ( 0.004)	0.256 ( 0.004)	10.592	.711
35 CHSTCISC	91.768 (13.023)	0.077 ( 0.008)	0.738 ( 0.008)	22.569	.820
36 CHSTCB	46.215 (14.091)	0.061 ( 0.008)	0.689 ( 0.008)	24.421	.771
37 CHSTDPH	-13.183 ( 5.276)	-0.013 ( 0.003)	0.302 ( 0.003)	9.145	.812
53 FCIRCFL	62.919 ( 6.638)	0.039 ( 0.004)	0.140 ( 0.004)	11.504	.418
55 FORHDLG	17.266 ( 8.961)	0.261 ( 0.005)	----- (-----)	16.421	.506
66 HIPBRTH	23.901 ( 9.828)	0.088 ( 0.006)	0.193 ( 0.006)	17.032	.422
70 INSCYE1	67.714 (11.935)	0.034 ( 0.007)	0.252 ( 0.007)	20.685	.393
71 INSCYE2	71.404 (11.431)	0.088 ( 0.007)	0.178 ( 0.007)	19.811	.323
80 NKBPLGTH	-8.665 ( 9.751)	0.052 ( 0.006)	0.212 ( 0.006)	16.900	.425
81 NECKCIRC	113.031 ( 6.566)	0.043 ( 0.004)	0.145 ( 0.004)	11.379	.446
82 NECKCRCB	108.007 ( 7.139)	0.069 ( 0.004)	0.138 ( 0.004)	12.373	.426
89 SCYECIRC	16.422 ( 8.136)	0.072 ( 0.005)	0.263 ( 0.005)	14.101	.626
90 SCYEDPTH	1.967 ( 7.215)	0.074 ( 0.004)	0.070 ( 0.004)	12.505	.245
91 SHOUCIRC	182.383 (16.676)	0.170 ( 0.010)	0.626 ( 0.010)	28.900	.693
92 SHOUELLT	-19.950 ( 5.721)	0.218 ( 0.004)	----- (-----)	10.484	.637
93 SHOULGTH	48.987 ( 5.547)	0.059 ( 0.003)	----- (-----)	10.164	.119
95 SLLSPCL	17.444 ( 9.010)	0.269 ( 0.005)	0.089 ( 0.005)	15.616	.602
96 SLLSPSC	41.711 ( 6.247)	0.057 ( 0.004)	0.082 ( 0.004)	10.826	.292
97 SLLSPWR	19.290 (12.360)	0.431 ( 0.007)	0.095 ( 0.007)	21.421	.652
98 SLOUTSM	-46.681 (10.611)	0.364 ( 0.007)	----- (-----)	19.444	.587
99 SPAN	32.325 (27.350)	1.006 ( 0.017)	----- (-----)	50.117	.620
101 STRLGH	36.057 (18.519)	0.126 ( 0.011)	0.482 ( 0.011)	32.096	.518
109 VTCASCC	112.073 (22.662)	0.518 ( 0.013)	0.587 ( 0.013)	39.275	.662
110 VTCUSA	106.562 (23.594)	0.560 ( 0.014)	0.564 ( 0.014)	40.890	.651
111 WSTBLNI	52.709 (12.693)	0.185 ( 0.008)	0.015 ( 0.008)	21.998	.229
112 WSTBLOM	42.013 (11.351)	0.194 ( 0.007)	0.093 ( 0.007)	19.672	.362
113 WSTBRTH	-15.979 ( 5.624)	----- (-----)	0.337 ( 0.006)	18.456	.574
114 WSCIRCNI	-51.265 ( 9.705)	----- (-----)	0.856 ( 0.011)	31.849	.745
115 WSCIRCUM	-130.535 (15.749)	----- (-----)	1.017 ( 0.017)	51.682	.610
116 WSTDEPTH	-27.308 ( 9.744)	-0.020 ( 0.006)	0.292 ( 0.006)	16.887	.539
117 WSTFRLNI	63.783 (12.464)	0.136 ( 0.007)	0.029 ( 0.007)	21.602	.154
118 WSTFRLM	46.189 (10.439)	0.147 ( 0.006)	0.115 ( 0.006)	18.091	.343
119 WSTHNI	-152.947 (12.948)	0.725 ( 0.008)	0.031 ( 0.008)	22.440	.812
120 WSTHOM	-137.448 (11.014)	0.716 ( 0.007)	-0.052 ( 0.007)	19.088	.847
121 WSHSTNI	5.657 (10.863)	0.139 ( 0.006)	0.052 ( 0.006)	18.826	.223
122 WSHSTOM	28.633 ( 7.611)	0.091 ( 0.005)	0.055 ( 0.005)	13.191	.240
123 WSHIPLTH	-13.380 (11.341)	0.130 ( 0.007)	-0.054 ( 0.007)	19.654	.148
127 WRISCIRC	36.902 ( 3.021)	0.045 ( 0.002)	0.044 ( 0.002)	5.236	.421

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 34 = -0.325  
INTERCEPT WITH SLOPE 100 = -0.849  
SLOPE 34 WITH SLOPE 100 = -0.222
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 34 = -0.998  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 91 (SHOUCIRC) SHOULDER CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 91 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-58.798 (11.619)	-0.052 ( 0.007)	0.356 ( 0.009)	19.612	.446
5 ACRDLGTH	-33.831 ( 6.192)	0.195 ( 0.004)	0.027 ( 0.005)	10.452	.607
8 AXARCIRC	-23.604 ( 7.652)	-0.073 ( 0.005)	0.423 ( 0.006)	12.916	.721
11 BCRMBDTH	59.131 ( 7.816)	0.092 ( 0.005)	0.149 ( 0.006)	13.193	.426
12 BICIRCFL	7.215 ( 8.683)	-0.053 ( 0.005)	0.351 ( 0.006)	14.657	.583
13 BIDLBDTH	6.438 ( 5.023)	0.011 ( 0.003)	0.397 ( 0.004)	8.478	.860
23 BSTPTBR	31.575 ( 8.624)	0.012 ( 0.005)	0.130 ( 0.006)	14.558	.192
24 BUTTCIRC	-4.433 (24.314)	0.097 ( 0.015)	0.793 ( 0.018)	41.040	.535
25 BUTTDPHT	-24.071 ( 9.094)	-0.025 ( 0.006)	0.285 ( 0.007)	15.351	.465
26 BUTTHGHT	-141.049 (15.044)	0.574 ( 0.009)	0.043 ( 0.011)	25.393	.684
31 CERVHGHT	-99.774 ( 6.048)	0.909 ( 0.004)	0.025 ( 0.004)	10.208	.970
33 CHSTBDTH	-10.619 ( 7.177)	-0.013 ( 0.004)	0.304 ( 0.005)	12.115	.622
34 CHSTCIRC	7.474 (21.940)	-0.095 ( 0.013)	1.027 ( 0.016)	37.034	.660
35 CHSTCISC	-1.414 (13.315)	-0.051 ( 0.008)	0.947 ( 0.010)	22.475	.822
36 CHSTCB	12.060 (18.597)	-0.028 ( 0.011)	0.783 ( 0.014)	31.391	.621
37 CHSTDPHT	-10.436 ( 8.585)	-0.042 ( 0.005)	0.309 ( 0.006)	14.492	.528
53 FCIRCFL	39.537 ( 4.377)	----- (-----)	0.209 ( 0.004)	13.433	.521
55 FORHDLG	-6.053 ( 9.646)	0.247 ( 0.006)	0.045 ( 0.007)	16.283	.514
66 HIPBRTH	8.454 (10.412)	0.060 ( 0.006)	0.231 ( 0.008)	17.575	.385
70 INSCYE1	22.148 (11.641)	-0.018 ( 0.007)	0.350 ( 0.009)	19.650	.452
71 INSCYE2	14.789 (10.475)	0.037 ( 0.006)	0.294 ( 0.008)	17.682	.460
80 NKBPLGTH	-3.045 (11.159)	0.034 ( 0.007)	0.210 ( 0.008)	18.836	.286
81 NECKCIRC	90.101 ( 6.531)	0.015 ( 0.004)	0.195 ( 0.005)	11.024	.480
82 NECKCRCB	81.670 ( 6.965)	0.040 ( 0.004)	0.194 ( 0.005)	11.756	.482
89 SCYECIRC	-11.541 ( 8.661)	0.029 ( 0.005)	0.327 ( 0.006)	14.619	.598
90 SCYEDPTH	-5.319 ( 7.435)	0.063 ( 0.005)	0.086 ( 0.006)	12.550	.240
92 SHOUELLT	-30.009 ( 6.188)	0.212 ( 0.004)	0.019 ( 0.005)	10.445	.640
93 SHOULGTH	24.457 ( 5.872)	0.044 ( 0.004)	0.047 ( 0.004)	9.911	.162
95 SLLSPEL	-23.723 ( 8.495)	0.236 ( 0.005)	0.171 ( 0.006)	14.339	.664
96 SLLSPSC	16.742 ( 5.972)	0.034 ( 0.004)	0.133 ( 0.004)	10.080	.386
97 SLLSPWR	-35.818 (11.791)	0.389 ( 0.007)	0.204 ( 0.009)	19.902	.699
98 SLOUTSM	-65.005 (11.478)	0.354 ( 0.007)	0.035 ( 0.009)	19.375	.590
99 SPAN	-61.228 (29.254)	0.951 ( 0.018)	0.179 ( 0.022)	49.378	.631
101 STRLGTH	31.840 (21.468)	0.076 ( 0.013)	0.510 ( 0.016)	36.238	.386
109 VTCASCC	108.595 (26.308)	0.458 ( 0.016)	0.618 ( 0.020)	44.406	.568
110 VTCUSA	102.492 (26.921)	0.501 ( 0.016)	0.595 ( 0.020)	45.441	.569
111 WSTBLNI	61.094 (12.013)	0.188 ( 0.007)	----- (-----)	22.014	.228
112 WSTBLOM	44.559 (11.853)	0.186 ( 0.007)	0.092 ( 0.009)	20.008	.340
113 WSTBRTH	-44.342 (12.489)	-0.030 ( 0.008)	0.373 ( 0.009)	21.081	.443
114 WSCIRCNI	-99.525 (23.098)	-0.121 ( 0.014)	0.995 ( 0.017)	38.988	.617
115 WSCIRCOM	-177.530 (34.911)	-0.140 ( 0.021)	1.166 ( 0.026)	58.928	.492
116 WSTDEPTH	-49.292 (10.798)	-0.063 ( 0.007)	0.346 ( 0.008)	18.226	.463
117 WSTFRLNI	79.849 (11.828)	0.142 ( 0.007)	----- (-----)	21.674	.149
118 WSTFRLM	50.194 (11.063)	0.138 ( 0.007)	0.112 ( 0.008)	18.674	.300
119 WSTHNI	-172.699 (13.191)	0.710 ( 0.008)	0.070 ( 0.010)	22.266	.815
120 WSTHOM	-142.080 (11.395)	0.719 ( 0.007)	-0.045 ( 0.008)	19.234	.845
121 WSHSTNI	-2.867 (11.134)	0.129 ( 0.007)	0.070 ( 0.008)	18.794	.226
122 WSHSTOM	24.801 ( 7.858)	0.083 ( 0.005)	0.065 ( 0.006)	13.263	.232
123 WSHIPLTH	-4.654 (11.626)	0.140 ( 0.007)	-0.073 ( 0.009)	19.624	.150
127 WRISCIRC	27.727 ( 2.990)	0.036 ( 0.002)	0.064 ( 0.002)	5.048	.462

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 91 = -0.389  
INTERCEPT WITH SLOPE 100= -0.706  
SLOPE 91 WITH SLOPE 100 = -0.377
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 91 = -0.999  
INTERCEPT WITH SLOPE 100= -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 39 (CRCHGHT) CROTCH HEIGHT  
110 (VTCUSA) VERTICAL CHEST CIRCUMFERENCE (USA)

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 110 (SE)	SE(EST)	R <sup>2</sup>
5 ACRDLGTH	22.197 ( 4.989)	0.044 ( 0.003)	0.288 ( 0.005)	9.306	.689
6 ANKLCIRC	62.109 ( 4.793)	0.094 ( 0.003)	----- (-----)	10.173	.289
8 AXARCIRC	18.121 (10.551)	0.217 ( 0.006)	-0.076 ( 0.010)	19.683	.351
11 BCRMBDTH	144.581 ( 8.046)	0.075 ( 0.005)	0.133 ( 0.008)	15.011	.257
12 BICIRCFL	40.718 (10.372)	0.177 ( 0.006)	-0.039 ( 0.010)	19.350	.274
13 BIDLBOTH	99.086 ( 9.468)	0.195 ( 0.006)	0.046 ( 0.009)	17.663	.391
24 BUTTCIRC	-8.844 (19.288)	0.638 ( 0.013)	----- (-----)	40.936	.538
26 BUTTHGHT	23.139 ( 7.538)	0.056 ( 0.004)	0.946 ( 0.007)	14.063	.903
29 CALFCIRC	78.898 ( 9.226)	0.179 ( 0.006)	----- (-----)	19.581	.285
31 CERVHGHT	80.788 ( 9.445)	0.357 ( 0.006)	1.013 ( 0.009)	17.621	.912
34 CMSTCIRC	78.857 (26.259)	0.600 ( 0.016)	-0.117 ( 0.025)	48.988	.405
35 CMSTCISC	142.292 (19.424)	0.487 ( 0.013)	----- (-----)	41.225	.400
36 CMSTCB	83.378 (20.778)	0.490 ( 0.012)	-0.083 ( 0.019)	38.763	.422
40 CRCHLNI	-82.132 (21.143)	0.579 ( 0.013)	-0.065 ( 0.020)	39.444	.500
41 CRHLOW	-8.264 (14.358)	0.425 ( 0.009)	-0.047 ( 0.013)	26.786	.539
42 CRLPNI	-18.154 (11.790)	0.264 ( 0.008)	----- (-----)	25.023	.348
43 CRLPOM	6.722 ( 9.995)	0.196 ( 0.007)	----- (-----)	21.213	.290
53 FCIRCFL	63.392 ( 6.832)	0.111 ( 0.004)	0.028 ( 0.006)	12.746	.285
57 GLUFURHT	3.904 ( 6.704)	0.018 ( 0.004)	0.924 ( 0.006)	12.507	.915
66 HIPBRTH	6.129 ( 8.534)	0.231 ( 0.005)	-0.023 ( 0.008)	15.921	.495
70 INSCYE1	100.662 (11.302)	0.164 ( 0.007)	----- (-----)	23.988	.183
71 INSCYE2	119.157 (11.661)	0.126 ( 0.007)	0.084 ( 0.011)	21.755	.183
72 KNEECIRC	18.694 ( 9.876)	0.189 ( 0.006)	0.075 ( 0.009)	18.425	.376
73 KNEEHTMP	-5.371 ( 5.016)	0.033 ( 0.003)	0.536 ( 0.005)	9.358	.871
77 LOHCIRC	23.529 (10.594)	0.231 ( 0.007)	----- (-----)	22.485	.337
81 NECKCIRC	122.004 ( 6.886)	0.115 ( 0.004)	0.022 ( 0.006)	12.845	.294
82 NECKCRCB	126.952 ( 7.319)	0.116 ( 0.004)	0.054 ( 0.007)	13.654	.301
89 SCYECIRC	26.001 ( 7.993)	0.226 ( 0.005)	----- (-----)	16.963	.459
90 SCYEDPTH	17.193 ( 6.746)	0.093 ( 0.004)	0.033 ( 0.006)	12.585	.236
91 SHOUCIRC	243.663 (21.705)	0.447 ( 0.013)	0.128 ( 0.020)	40.492	.398
93 SHOULGTH	70.293 ( 5.515)	0.015 ( 0.003)	0.067 ( 0.005)	10.289	.097
95 SLLSPEL	90.533 ( 8.733)	0.133 ( 0.005)	0.316 ( 0.008)	16.293	.566
96 SLLSPSC	62.371 ( 6.118)	0.076 ( 0.004)	0.038 ( 0.006)	11.413	.213
97 SLLSPWR	130.253 (10.431)	0.137 ( 0.006)	0.606 ( 0.010)	19.459	.713
98 SLOUTSM	42.899 ( 8.305)	0.044 ( 0.005)	0.567 ( 0.008)	15.494	.738
99 SPAN	288.797 (21.050)	0.122 ( 0.013)	1.551 ( 0.020)	39.270	.767
101 STRLGTH	101.518 (17.992)	0.377 ( 0.012)	----- (-----)	38.186	.318
104 THGHCIRC	-39.818 (16.620)	0.405 ( 0.011)	----- (-----)	35.273	.387
111 WSTBLNI	81.847 (11.858)	0.155 ( 0.007)	0.063 ( 0.011)	22.122	.220
112 WSTBLOW	51.214 ( 9.814)	0.224 ( 0.006)	0.062 ( 0.009)	18.309	.447
114 WSCIRCNI	-52.424 (27.033)	0.561 ( 0.016)	-0.104 ( 0.025)	50.432	.360
115 WSCIRCOW	-172.662 (35.859)	0.726 ( 0.021)	-0.190 ( 0.033)	66.897	.346
117 WSTFRLNI	101.115 (10.116)	0.138 ( 0.007)	----- (-----)	21.470	.164
118 WSTFRLOW	52.054 ( 7.668)	0.221 ( 0.005)	----- (-----)	16.274	.468
119 WSTHNI	-10.334 ( 9.993)	0.218 ( 0.006)	0.951 ( 0.009)	18.642	.870
120 WSTHOM	26.520 ( 8.574)	0.137 ( 0.005)	0.966 ( 0.008)	15.996	.893
121 WSHSTNI	1.666 ( 9.412)	0.173 ( 0.006)	0.018 ( 0.009)	17.560	.324
122 WSHSTOM	29.375 ( 6.371)	0.138 ( 0.004)	-0.017 ( 0.006)	11.886	.383
123 WSHIPLTH	-1.499 (10.900)	0.086 ( 0.006)	0.023 ( 0.010)	20.335	.087
127 WRISCIRC	43.820 ( 2.882)	0.051 ( 0.002)	0.038 ( 0.003)	5.377	.389

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.477  
INTERCEPT WITH SLOPE 110 = -0.719  
SLOPE 39 WITH SLOPE 110 = -0.267

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 110 = -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 100 (STATURE) STATURE  
125 (WEIGHT) WEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 100 (SE)	SLOPE 125 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	277.590 ( 8.932)	0.293 ( 0.005)	-0.146 ( 0.006)	15.757	.642
3 ACRHGHT	-86.125 ( 8.134)	0.031 ( 0.004)	0.859 ( 0.006)	14.349	.939
4 ACRHTST	89.657 (12.003)	0.044 ( 0.006)	0.269 ( 0.008)	21.174	.454
5 ACRDLGTH	-13.274 ( 5.951)	0.012 ( 0.003)	0.195 ( 0.004)	10.497	.604
6 ANKLCIRC	137.737 ( 5.298)	0.088 ( 0.003)	0.008 ( 0.004)	9.346	.399
7 AXHGHT	-123.487 ( 7.471)	-0.015 ( 0.004)	0.838 ( 0.005)	13.180	.941
8 AXARCIRC	349.269 ( 6.742)	0.297 ( 0.004)	-0.148 ( 0.005)	11.893	.763
9 BLFTCIRC	119.670 ( 5.066)	0.062 ( 0.003)	0.040 ( 0.004)	8.937	.373
10 BLFTLGTH	29.039 ( 3.983)	0.023 ( 0.002)	0.084 ( 0.003)	7.026	.463
11 BCMRBDTH	162.748 ( 8.283)	0.050 ( 0.004)	0.104 ( 0.006)	14.612	.296
12 BICIRCFL	328.979 ( 6.658)	0.270 ( 0.004)	-0.132 ( 0.005)	11.746	.732
13 BIDLBOTH	331.865 ( 7.455)	0.230 ( 0.004)	-0.026 ( 0.005)	13.151	.662
14 BIMBDTH	25.916 ( 1.422)	0.011 ( 0.001)	0.019 ( 0.001)	2.508	.363
15 BISBDTH	88.468 (10.792)	0.061 ( 0.006)	0.057 ( 0.008)	19.038	.139
16 BITCHARC	231.320 ( 6.587)	0.068 ( 0.003)	0.018 ( 0.005)	11.620	.230
17 BITCOARC	269.992 ( 6.824)	0.044 ( 0.004)	0.024 ( 0.005)	12.037	.129
18 BITCRARC	256.689 ( 5.681)	0.038 ( 0.003)	0.017 ( 0.004)	10.022	.129
19 BITFRARC	237.629 ( 5.090)	0.043 ( 0.003)	0.014 ( 0.004)	8.980	.176
20 BITSMARC	221.452 ( 1.664)	0.088 ( 0.003)	----- (-----)	10.432	.331
21 BITSNARC	238.129 ( 1.674)	0.061 ( 0.003)	----- (-----)	10.498	.193
22 BIZBDTH	115.213 ( .726)	0.026 ( 0.001)	----- (-----)	4.549	.185
23 BSTPTBR	131.148 ( 2.312)	0.087 ( 0.004)	----- (-----)	14.493	.199
24 BUTTCIRC	771.697 (14.349)	0.707 ( 0.008)	-0.149 ( 0.010)	25.312	.823
25 BUTTDPHT	251.028 ( 6.188)	0.247 ( 0.003)	-0.109 ( 0.004)	10.916	.730
26 BUTTHGHT	-110.217 (14.430)	0.016 ( 0.008)	0.576 ( 0.010)	25.455	.683
27 BUTTKLTH	92.239 ( 9.883)	0.133 ( 0.005)	0.254 ( 0.007)	17.435	.654
28 BUTTPLTH	15.585 (10.066)	0.060 ( 0.005)	0.263 ( 0.007)	17.757	.555
29 CALFCIRC	299.670 ( 8.470)	0.231 ( 0.004)	-0.056 ( 0.006)	14.942	.584
30 CALFHGHT	-89.079 (10.004)	0.017 ( 0.005)	0.242 ( 0.007)	17.649	.457
31 CERVHGHT	-77.742 ( 5.788)	0.017 ( 0.003)	0.905 ( 0.004)	10.211	.970
32 CERVSIT	101.335 (11.748)	0.034 ( 0.006)	0.311 ( 0.008)	20.724	.516
33 CHSTBDTH	250.935 ( 7.187)	0.200 ( 0.004)	-0.059 ( 0.005)	12.679	.586
34 CHSTCIRC	916.480 (19.504)	0.727 ( 0.010)	-0.282 ( 0.014)	34.407	.707
35 CHSTCISC	800.656 (15.943)	0.600 ( 0.008)	-0.175 ( 0.011)	28.125	.721
36 CHSTCB	703.065 (16.935)	0.551 ( 0.009)	-0.169 ( 0.012)	29.874	.657
37 CHSTDPTH	271.855 ( 7.041)	0.236 ( 0.004)	-0.110 ( 0.005)	12.421	.653
38 CHSTHGHT	-160.168 (11.597)	-0.059 ( 0.006)	0.842 ( 0.008)	20.458	.862
39 CRCHHGHT	-206.648 (13.394)	-0.054 ( 0.007)	0.621 ( 0.009)	23.628	.713
40 CRCHLNI	469.714 ( 6.461)	0.459 ( 0.010)	----- (-----)	40.507	.472
41 CRHLOM	305.624 (16.753)	0.277 ( 0.009)	0.079 ( 0.012)	29.554	.438
42 CRLPNI	224.888 (14.398)	0.204 ( 0.008)	0.022 ( 0.010)	25.399	.328
43 CRLPOM	124.876 (12.701)	0.099 ( 0.007)	0.073 ( 0.009)	22.405	.207
44 EARBOTH	24.521 ( 1.387)	0.005 ( 0.001)	0.004 ( 0.001)	2.446	.056
45 EARLGTH	41.469 ( 2.028)	0.010 ( 0.001)	0.007 ( 0.001)	3.578	.095
46 EARLTRAG	23.964 ( 1.316)	0.002 ( 0.001)	0.002 ( 0.001)	2.321	.011
47 EARPROT	19.584 ( .483)	0.004 ( 0.001)	----- (-----)	3.026	.010
48 ELBCIRC	172.779 ( 4.015)	0.141 ( 0.002)	-0.014 ( 0.003)	7.083	.720
49 ELRHGHT	117.664 (14.851)	0.042 ( 0.008)	0.047 ( 0.010)	26.198	.044
50 EYENTSIT	101.649 (12.044)	----- (-----)	0.391 ( 0.007)	22.070	.560
51 FTBRHOR	51.297 ( 2.364)	0.024 ( 0.001)	0.014 ( 0.002)	4.170	.285
52 FOOTLGTH	47.951 ( 5.006)	0.028 ( 0.003)	0.110 ( 0.003)	8.830	.478
53 FCIRCFL	216.944 ( 5.405)	0.152 ( 0.003)	-0.035 ( 0.004)	9.534	.600
54 FORFORBR	432.501 (11.902)	0.369 ( 0.006)	-0.118 ( 0.008)	20.996	.633
55 FORMDLG	26.901 ( 9.280)	0.019 ( 0.005)	0.248 ( 0.006)	16.370	.509
56 FNCLEGLG	13.886 (13.762)	0.137 ( 0.007)	0.560 ( 0.010)	24.276	.757
57 GLUFURHT	-184.768 (13.597)	-0.032 ( 0.007)	0.583 ( 0.009)	23.986	.689
58 HANDBRTH	42.674 ( 1.783)	0.015 ( 0.001)	0.017 ( 0.001)	3.145	.298
59 HANDCIRC	106.668 ( 3.915)	0.041 ( 0.002)	0.033 ( 0.003)	6.906	.333
60 HANDLGTH	30.589 ( 4.195)	0.015 ( 0.002)	0.086 ( 0.003)	7.400	.416
61 HEADBRTH	134.010 ( .755)	0.017 ( 0.001)	----- (-----)	4.733	.081
62 HEADCIRC	445.926 ( 7.414)	0.059 ( 0.004)	0.039 ( 0.005)	13.079	.203
63 HEADLGTH	136.760 ( 3.347)	0.015 ( 0.002)	0.025 ( 0.002)	5.904	.153
64 HLAKCIRC	118.190 ( 6.002)	0.080 ( 0.003)	0.084 ( 0.004)	10.588	.497
65 HEELBRTH	46.350 ( .681)	0.027 ( 0.001)	----- (-----)	4.269	.216
66 HIPBRTH	239.837 ( 7.960)	0.217 ( 0.004)	-0.019 ( 0.006)	14.042	.607
67 HIPBRST	292.603 ( 8.955)	0.285 ( 0.005)	-0.052 ( 0.006)	15.798	.664
68 ILCRSIT	-141.630 (10.642)	----- (-----)	0.694 ( 0.007)	19.502	.837
69 INPUPBTH	51.413 ( 1.976)	0.010 ( 0.001)	0.003 ( 0.001)	3.479	.066

MULTIPLE REGRESSIONS -- FEMALE

70	INSCYE1	305.426 (12.405)	0.196 ( 0.007)	-0.046 ( 0.009)	21.883	.320
71	INSCYE2	243.554 (11.417)	0.147 ( 0.006)	0.025 ( 0.008)	20.140	.300
72	KNEECIRC	251.384 ( 7.276)	0.242 ( 0.004)	-0.022 ( 0.005)	12.835	.697
73	KNEEHTMP	-94.354 ( 7.999)	----- (-----)	0.339 ( 0.005)	14.657	.685
74	KNEEHTSI	-45.806 ( 7.581)	0.033 ( 0.004)	0.332 ( 0.005)	13.373	.742
75	LATFEMEP	-76.774 ( 7.145)	----- (-----)	0.330 ( 0.004)	13.093	.720
76	LATMALHT	6.444 ( 2.658)	----- (-----)	0.033 ( 0.002)	4.871	.159
77	LOTHCIRC	322.745 ( 8.427)	0.307 ( 0.004)	-0.083 ( 0.006)	14.866	.710
78	MENSELL	70.856 ( 3.157)	0.013 ( 0.002)	0.021 ( 0.002)	5.569	.128
79	MSHTSIT	99.603 (10.881)	0.042 ( 0.006)	0.281 ( 0.008)	19.196	.519
80	NKBPLGTH	190.984 (10.158)	0.165 ( 0.005)	-0.015 ( 0.007)	17.920	.354
81	NECKCIRC	262.746 ( 6.086)	0.138 ( 0.003)	-0.020 ( 0.004)	10.736	.507
82	NECKCRCB	249.982 ( 6.734)	0.130 ( 0.004)	0.009 ( 0.005)	11.879	.471
83	NECKHTLT	-74.073 ( 5.118)	0.015 ( 0.003)	0.897 ( 0.004)	9.028	.976
84	OVHDFTRH	-135.286 (18.838)	----- (-----)	1.348 ( 0.012)	34.521	.861
85	OVHFRHE	-107.002 (19.242)	----- (-----)	1.387 ( 0.012)	35.260	.862
86	OVHDFRHS	101.637 (15.140)	0.057 ( 0.008)	0.730 ( 0.011)	26.708	.772
87	POPHGHT	-138.951 ( 7.376)	-0.073 ( 0.004)	0.352 ( 0.005)	13.011	.699
88	RASTL	-20.298 ( 6.291)	----- (-----)	0.162 ( 0.004)	11.528	.444
89	SCYECIRC	280.311 ( 7.670)	0.236 ( 0.004)	-0.034 ( 0.005)	13.531	.656
90	SCYEDPTH	72.638 ( 7.040)	0.064 ( 0.004)	0.045 ( 0.005)	12.420	.256
91	SHOUCIRC	809.672 (15.627)	0.560 ( 0.008)	-0.080 ( 0.011)	27.568	.721
92	SHOUELLT	-19.950 ( 5.721)	----- (-----)	0.218 ( 0.004)	10.484	.637
93	SHOULGTH	48.987 ( 5.547)	----- (-----)	0.059 ( 0.003)	10.164	.119
94	SITTHGHT	176.698 (12.487)	----- (-----)	0.414 ( 0.008)	22.882	.570
95	SLLSPEL	106.229 ( 8.839)	0.079 ( 0.005)	0.234 ( 0.006)	15.593	.603
96	SLLSPSC	120.698 ( 6.220)	0.067 ( 0.003)	0.028 ( 0.004)	10.972	.273
97	SLLSPWR	119.131 (12.005)	0.094 ( 0.006)	0.386 ( 0.008)	21.178	.660
98	SLOUTSM	-46.681 (10.611)	----- (-----)	0.364 ( 0.007)	19.444	.587
99	SPAN	47.414 (28.392)	0.030 ( 0.015)	0.986 ( 0.020)	50.085	.620
101	STRLGTH	492.960 (19.579)	0.380 ( 0.010)	-0.031 ( 0.014)	34.538	.442
102	SUPSTRHT	-68.031 ( 5.753)	0.023 ( 0.003)	0.849 ( 0.004)	10.149	.967
103	TENRIBHT	-118.696 ( 9.606)	----- (-----)	0.714 ( 0.006)	17.603	.869
104	THGHCIRC	564.472 (10.287)	0.558 ( 0.005)	-0.203 ( 0.007)	18.147	.838
105	THGHCCLR	147.509 ( 4.239)	0.127 ( 0.002)	-0.041 ( 0.003)	7.479	.618
106	THUMBBR	14.623 ( 0.660)	0.005 ( 0.000)	0.002 ( 0.000)	1.165	.134
107	TNMBTPR	55.313 (13.512)	0.045 ( 0.007)	0.400 ( 0.009)	23.836	.572
108	TROCHHT	-117.532 (13.213)	----- (-----)	0.601 ( 0.008)	24.212	.714
109	VTCASCC	704.207 (21.488)	0.533 ( 0.011)	0.279 ( 0.015)	37.907	.685
110	VTCUSA	682.321 (22.010)	0.525 ( 0.012)	0.321 ( 0.015)	38.827	.685
111	WSTBLNI	61.094 (12.013)	----- (-----)	0.188 ( 0.007)	22.014	.228
112	WSTBLOW	134.726 (11.133)	0.083 ( 0.006)	0.158 ( 0.008)	19.640	.364
113	WSTBRTH	303.023 (10.217)	0.297 ( 0.005)	-0.121 ( 0.007)	18.023	.593
114	WSCIRCNI	805.338 (17.891)	0.751 ( 0.009)	-0.335 ( 0.012)	31.562	.749
115	WSCIRCOW	907.143 (27.304)	0.928 ( 0.014)	-0.424 ( 0.019)	48.167	.661
116	WSTDEPTH	273.510 ( 8.491)	0.278 ( 0.004)	-0.148 ( 0.006)	14.978	.638
117	WSTFRLNI	79.849 (11.828)	----- (-----)	0.142 ( 0.007)	21.674	.149
118	WSTFRLON	157.675 (10.336)	0.095 ( 0.005)	0.106 ( 0.007)	18.234	.332
119	WSTHNI	-110.468 (12.606)	0.050 ( 0.007)	0.697 ( 0.009)	22.238	.815
120	WSTHOM	-188.702 (10.825)	-0.045 ( 0.006)	0.736 ( 0.008)	19.097	.847
121	WSTSTNI	67.866 (10.493)	0.066 ( 0.006)	0.105 ( 0.007)	18.511	.249
122	WSTSTOM	90.457 ( 7.316)	0.062 ( 0.004)	0.061 ( 0.005)	12.907	.273
123	WSTHPLTH	-68.027 (11.132)	-0.049 ( 0.006)	0.151 ( 0.008)	19.638	.149
124	WSTNIWSOM	76.198 (11.445)	0.094 ( 0.006)	-0.036 ( 0.008)	20.191	.105
126	WRCTRGRL	33.592 ( 2.647)	0.008 ( 0.001)	0.017 ( 0.002)	4.669	.098
127	WRISCIRC	85.589 ( 2.749)	0.048 ( 0.001)	0.022 ( 0.002)	4.849	.503
128	WRISHGHT	-33.989 (11.550)	0.028 ( 0.006)	0.495 ( 0.008)	20.375	.721
129	WRISHTST	585.106 (19.342)	0.047 ( 0.010)	-0.088 ( 0.013)	34.121	.019
130	WRINFNGL	23.601 ( 3.718)	0.012 ( 0.002)	0.085 ( 0.003)	6.558	.453
131	WRTHLGTH	21.458 ( 3.032)	0.009 ( 0.002)	0.056 ( 0.002)	5.349	.357
132	WRWALLLN	36.791 (12.264)	0.039 ( 0.006)	0.343 ( 0.009)	21.635	.545
133	WRWALLEX	59.415 (13.314)	0.034 ( 0.007)	0.368 ( 0.009)	23.487	.531
212	BIGBRH	1146.921 (33.553)	0.546 ( 0.018)	-0.247 ( 0.023)	59.189	.309
213	BIINORBH	524.768 (28.297)	0.089 ( 0.015)	0.057 ( 0.020)	49.919	.036
214	BIOCBRMH	1042.358 ( 8.135)	0.248 ( 0.013)	----- (-----)	51.004	.142
215	BTRBDTHH	1214.974 ( 7.736)	0.241 ( 0.012)	----- (-----)	48.501	.147
216	BIZYBRH	1238.362 (27.799)	0.336 ( 0.015)	-0.055 ( 0.019)	49.039	.223
217	LIPLGTHH	482.074 ( 6.577)	0.109 ( 0.011)	----- (-----)	41.237	.046
218	MAXFROMH	975.697 ( 8.041)	0.221 ( 0.013)	----- (-----)	50.415	.119
219	MENCRINH	1306.188 (52.284)	0.185 ( 0.028)	0.211 ( 0.036)	92.216	.069
220	MENSELLH	704.001 (31.577)	0.135 ( 0.017)	0.214 ( 0.022)	55.704	.132
221	MENSUBNH	462.680 (29.283)	0.124 ( 0.016)	0.091 ( 0.020)	51.658	.071

# MULTIPLE REGRESSIONS -- FEMALE

222	MINFRONH	867.530 (25.752)	0.160 ( 0.014)	0.041 ( 0.018)	45.429	.096
223	NOSEBRTH	350.286 (26.443)	0.114 ( 0.014)	-0.046 ( 0.018)	46.647	.030
224	NOSEPRH	86.967 (12.221)	----- (-----)	0.058 ( 0.007)	22.395	.027
225	SBNSSSELH	265.985 (19.373)	----- (-----)	0.132 ( 0.012)	35.500	.053
226	ALAREB	1421.965 (41.133)	0.188 ( 0.022)	0.230 ( 0.029)	72.562	.117
227	ALARET	1015.974 (38.078)	0.104 ( 0.020)	0.236 ( 0.026)	67.172	.088
228	CHEILB	1403.869 (50.725)	0.222 ( 0.027)	0.157 ( 0.035)	89.483	.073
229	CHEILT	1260.271 (38.623)	0.186 ( 0.020)	0.243 ( 0.027)	68.134	.136
230	CRINIONX	1288.373 (47.284)	0.138 ( 0.025)	0.257 ( 0.033)	83.397	.079
231	CRINIONZ	193.932 (53.492)	0.064 ( 0.028)	0.112 ( 0.037)	94.347	.012
232	ECTORBB	1216.716 (32.943)	0.144 ( 0.017)	0.140 ( 0.023)	58.115	.090
233	ECTORBT	812.637 (30.999)	0.090 ( 0.016)	0.151 ( 0.022)	54.684	.069
234	FRTEMB	1266.908 (32.802)	0.156 ( 0.017)	0.183 ( 0.023)	57.865	.121
235	FRTEMT	575.463 (34.650)	----- (-----)	0.162 ( 0.021)	63.495	.026
236	GLABX	1406.750 (34.825)	0.156 ( 0.018)	0.250 ( 0.024)	61.433	.144
237	GLABZ	834.147 (10.938)	0.079 ( 0.017)	----- (-----)	68.581	.009
238	GONIONB	975.136 (11.085)	0.143 ( 0.018)	----- (-----)	69.503	.029
239	GONIONT	1329.182 (34.694)	0.197 ( 0.018)	0.225 ( 0.024)	61.202	.162
240	INFORBB	1351.844 (36.790)	0.178 ( 0.019)	0.183 ( 0.026)	64.900	.113
241	INFORBT	880.533 (31.536)	0.091 ( 0.017)	0.187 ( 0.022)	55.631	.086
242	MENTONX	1324.740 (52.867)	0.278 ( 0.028)	0.145 ( 0.037)	93.261	.088
243	MENTONZ	1490.499 (43.377)	0.255 ( 0.023)	0.324 ( 0.030)	76.519	.186
244	PMENTONX	1440.550 (52.705)	0.289 ( 0.028)	0.158 ( 0.037)	92.976	.097
245	PMENTONZ	1323.230 (43.924)	0.199 ( 0.023)	0.358 ( 0.031)	77.486	.165
246	PRONASX	1494.446 (38.804)	0.174 ( 0.021)	0.304 ( 0.027)	68.453	.158
247	PRONASZ	957.668 (43.573)	0.069 ( 0.023)	0.255 ( 0.030)	76.866	.062
248	SELLIONX	1384.455 (34.731)	0.137 ( 0.018)	0.258 ( 0.024)	61.268	.137
249	SELLIONZ	791.422 (36.564)	0.097 ( 0.019)	0.124 ( 0.025)	64.502	.044
250	STOMIONX	1480.881 (54.084)	0.242 ( 0.029)	0.184 ( 0.038)	95.408	.080
251	STOMIONZ	1213.457 (40.974)	0.148 ( 0.022)	0.274 ( 0.028)	72.281	.115
252	SUBNASX	1454.922 (42.568)	0.188 ( 0.023)	0.237 ( 0.030)	75.093	.113
253	SUBNASZ	1047.606 (40.397)	0.091 ( 0.021)	0.260 ( 0.028)	71.263	.083
254	TRAGB	755.757 (30.440)	0.053 ( 0.016)	0.114 ( 0.021)	53.698	.034
255	TRAGT	902.646 (29.673)	0.124 ( 0.016)	0.157 ( 0.021)	52.346	.103
256	ZYGB	1055.429 (41.988)	0.145 ( 0.022)	0.086 ( 0.029)	74.070	.042
257	ZYGT	1067.229 (28.936)	0.122 ( 0.015)	0.074 ( 0.020)	51.045	.062
258	ZYFRB	1290.476 (34.504)	0.161 ( 0.018)	0.142 ( 0.024)	60.867	.095
259	ZYFRT	727.956 (33.901)	0.076 ( 0.018)	0.128 ( 0.024)	59.804	.042

## CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 100 = -0.960  
INTERCEPT WITH SLOPE 125 = 0.271  
SLOPE 100 WITH SLOPE 125 = -0.529
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 100 = -0.999  
INTERCEPT WITH SLOPE 125 = -0.999

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## INDEX

Entries in capital letters are anthropometric measurements and those in mixed capital and lower case letters represent landmarks on the body. All measurements given in the index have pages identified in a particular order. The first page number is for the measurement definition followed by the Visual Index, the male bivariate regression table, the female bivariate regression table, the male stepwise regression table, and the female stepwise regression table. Any additional entries are for the standard multiple regression tables. Only dependent variables are indexed for the bivariate and stepwise regression tables while both dependent and independent variables are identified in the standard multiple regression tables. Entries are not provided for the correlation tables since each variable appears on every third page in each of the 10 tables.

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LATERAL MALLEOLUS HEIGHT (LATMALHT, 76)	31, 49, 641, 781, 874, 920, 949, 950, 955, 958, 959, 964
LIP LENGTH HEADBOARD (LIPLGTHH, 217)	36, 50, 701, 834, 890, 936, 955, 964
LOWER THIGH CIRCUMFERENCE (LOTHCIRC, 77)	31, 44, 641, 781, 874, 920, 949, 950, 953, 955, 958, 959, 962, 964
MAXIMUM FRONTAL BREADTH HEADBOARD (MAXFRONH, 218)	36, 50, 701, 835, 890, 936, 955, 964

<b>Menton</b>	<b>19</b>
<b>MENTON TO BACK OF HEAD (MENTONX, 242)</b>	<b>38, 50, 711, 845, 896, 942, 956, 965</b>
<b>MENTON TO TOP OF HEAD (MENTONZ, 243)</b>	<b>38, 51, 712, 845, 896, 942, 956, 965</b>
<b>MENTON-CRINION LENGTH HEADBOARD (MENCRIH, 219)</b>	<b>36, 51, 702, 835, 890, 936, 955, 964</b>
<b>MENTON-SELLION LENGTH HEADBOARD (MENSELLH, 220)</b>	<b>36, 51, 702, 835, 891, 937, 955, 964</b>
<b>MENTON-SELLION LENGTH (MENSELL, 78)</b>	<b>31, 48, 642, 782, 875, 921, 955, 964</b>
<b>MENTON-SUBNASALE LENGTH HEADBOARD (MENSUBNH, 221)</b>	<b>36, 51, 702, 835, 891, 937, 955, 964</b>
<b>Metacarpale II</b>	<b>19</b>
<b>Metacarpale V</b>	<b>19</b>
<b>Midpatella</b>	<b>19</b>
<b>Midshoulder</b>	<b>19</b>
<b>MIDSHOULDER HEIGHT, SITTING (MSHTSIT, 79)</b>	<b>31, 40, 642, 782, 875, 921, 949, 950, 955, 958, 959, 964</b>
<b>Midspine</b>	<b>20</b>
<b>MINIMUM FRONTAL BREADTH HEADBOARD (MINFRONH, 222)</b>	<b>36, 50, 702, 836, 891, 937, 955, 965</b>
<b>NECK-BUSTPOINT/THELION LENGTH (NKBPLGTH, 80)</b>	<b>31, 42, 643, 783, 875, 921, 951, 952, 955, 960, 961, 964</b>
<b>NECK CIRCUMFERENCE (NECKCIRC, 81)</b>	<b>31, 44, 644, 784, 875, 921, 951- 953, 955, 960- 962, 964</b>

NECK CIRCUMFERENCE, BASE (NECKCRCB, 82)	31, 44, 645, 785, 876, 922, 951- 953, 955, 960- 962, 964
NECK HEIGHT, LATERAL (NECKHTLT, 83)	31, 45, 646, 786, 876, 922, 955, 964
Neck, anterior lateral	20
NOSE BREADTH HEADBOARD (NOSEBRTH, 223)	36, 50, 703, 836, 891, 937, 956, 965
NOSE PROTRUSION HEADBOARD (NOSEPRH, 224)	37, 51, 703, 836, 892, 938, 956, 965
Olecranon, Bottom, Rear	20
Olecranon, Center	20
Otobasion Superior	20
OVERHEAD FINGERTIP REACH (OVHDFTRH, 84)	31, 41, 648, 788, 876, 922, 955, 964
OVERHEAD FINGERTIP REACH, EXTENDED (OVHFRHE, 85)	32, 41, 650, 789, 876, 922, 955, 964
OVERHEAD FINGERTIP REACH, SITTING (OVHDFRHS, 86)	32, 41, 652, 790, 877, 923, 955, 964
POPLITEAL HEIGHT (POPHGHT, 87)	32, 40, 653, 791, 877, 923, 955, 964
Posterior Superior Iliac Spine	20
Promenton	20
PROMENTON TO BACK OF HEAD (PMENTONX, 244)	38, 50, 712, 846, 897, 943, 956, 965
PROMENTON TO TOP OF HEAD (PMENTONZ, 245)	38, 51, 713, 846, 897, 943, 956, 965
Pronasale	20

PRONASALE TO BACK OF HEAD (PRONASX, 246)	38, 50, 713, 847, 897, 943, 956, 965
PRONASALE TO TOP OF HEAD (PRONASZ, 247)	38, 51, 714, 847, 897, 943, 956, 965
Pternion	21
Radiale	21
RADIALE-STYLION LENGTH (RASTL, 88)	32, 41, 654, 792, 877, 923, 955, 964
Scye	21
SCYE CIRCUMFERENCE (SCYECIRC, 89)	32, 44, 655, 793, 877, 923, 951- 953, 955, 960- 962, 964
SCYE DEPTH (SCYEDPTH, 90)	32, 42, 656, 793, 878, 924, 951- 953, 955, 960- 962, 964
Sellion	22
SELLION TO BACK OF HEAD (SELLIONX, 248)	39, 50, 714, 848, 898, 944, 956, 965
SELLION TO TOP OF HEAD (SELLIONZ, 249)	39, 51, 715, 848, 898, 944, 956, 965
SHOULDER CIRCUMFERENCE (SHOUCIRC, 91)	32, 44, 657, 794, 878, 924, 951- 953, 955, 960- 962, 964
SHOULDER-ELBOW LENGTH (SHOUELLT, 92)	32, 45, 658, 795, 878, 924, 951- 952, 955, 960- 961, 964
SHOULDER LENGTH (SHOULGTH, 93)	32, 43, 659, 796, 856, 878, 924, 951- 953, 955, 960- 962, 964

<b>SITTING HEIGHT (SITTHGHT, 94)</b>	32, 40, 659, 796, 879, 925, 955, 964
<b>SLEEVE LENGTH: SPINE-ELBOW (SLLSPEL, 95)</b>	33, 47, 660, 797, 879, 925, 951- 953, 955, 960- 962, 964
<b>SLEEVE LENGTH: SPINE-SCYE (SLLSPSC, 96)</b>	33, 47, 661, 798, 879, 925, 951- 953, 955, 960- 962, 964
<b>SLEEVE LENGTH: SPINE-WRIST (SLLSPWR, 97)</b>	33, 47, 662, 799, 879, 925, 951- 953, 955, 960- 962, 964
<b>SLEEVE OUTSEAM (SLOUTSM, 98)</b>	33, 44, 664, 800, 880, 926, 951- 953, 955, 960- 962, 964
<b>SPAN (SPAN, 99)</b>	33, 46, 665, 801, 880, 926, 951- 953, 955, 960- 962, 964
<b>STATURE (STATURE, 100)</b>	33, 42, 666, 802, 880, 926, 951- 952, 954-955, 960-961, 963-964
<b>Stomion</b>	22
<b>STOMION TO BACK OF HEAD (STOMIONX, 250)</b>	39, 50, 715, 849, 898, 944, 956, 965
<b>STOMION TO TOP OF HEAD (STOMIONZ, 251)</b>	39, 51, 716, 849, 898, 944, 956, 965
<b>STRAP LENGTH (STRLGTH, 101)</b>	33, 43, 668, 803, 880, 926, 949- 953, 955, 958- 962, 964
<b>Stylian</b>	22
<b>Submandibular</b>	22

<b>SUBNASAL-SELLION HEADBOARD (SBNSELH, 225)</b>	37, 51, 703, 836, 892, 938, 956, 965
<b>Subnasale</b>	22
<b>SUBNASALE TO BACK OF HEAD (SUBNASX, 252)</b>	39, 50, 716, 850, 899, 945, 956, 965
<b>SUBNASALE TO TOP OF HEAD (SUBNASZ, 253)</b>	39, 51, 717, 850, 899, 945, 956, 965
<b>Suprapatella</b>	22
<b>Suprasternale</b>	22
<b>SUPRASTERNALE HEIGHT (SUPSTRHT, 102)</b>	33, 41, 669, 804, 881, 927, 955, 964
<b>Tenth Rib</b>	22
<b>TENTH RIB HEIGHT (TENRIBHT, 103)</b>	33, 42, 671, 806, 881, 927, 949, 950, 955, 958- 959, 964
<b>Thelion</b>	23
<b>THIGH CIRCUMFERENCE (THGHCIRC, 104)</b>	33, 44, 672, 807, 881, 927, 949, 950, 953, 955, 958-959, 962, 964
<b>THIGH CLEARANCE (THGHCLR, 105)</b>	33, 40, 673, 808, 881, 927, 955, 964
<b>Thigh Point</b>	23
<b>THUMB BREADTH (THUMBBR, 106)</b>	34, 49, 674, 808, 882, 928, 955, 964
<b>Thumbtip</b>	23
<b>THUMB TIP REACH (THMBTPR, 107)</b>	33, 46, 674, 809, 882, 928, 955, 964
<b>Top of Head</b>	23

Tragion	23
TRAGION TO BACK OF HEAD (TRAGB, 254)	39, 50, 717, 851, 899, 945, 956, 965
TRAGION TO TOP OF HEAD (TRAGT, 255)	39, 51, 718, 851, 899, 945, 956, 965
Trapezius Point	23
Trochanter	23
TROCHANTERION HEIGHT (TROCHHT, 108)	34, 45, 675, 810, 882, 928, 955, 964
VERTICAL TRUNK CIRCUMFERENCE (ASSC) (VTCASCC, 109)	34, 45, 676, 811, 882, 928, 949, 950-952, 955, 958-961, 964
VERTICAL TRUNK CIRCUMFERENCE (USA) (VTCUSA, 110)	34, 45, 678, 813, 883, 929, 949- 953, 955, 958- 962, 964
Waist (Natural Indentation)	24
WAIST BACK LENGTH, NATURAL INDENTATION (WSTBLNI, 111)	33, 43, 679, 814, 883, 929, 949- 953, 955, 958- 962, 964
WAIST BACK LENGTH, OMPHALION (WSTBLOM, 112)	34, 43, 680, 814, 883, 929, 949- 953, 955, 958- 962, 964
WAIST BREADTH (WSTBRTH, 113)	34, 42, 681, 815, 883, 929, 949- 952, 955, 958- 961, 964
WAIST CIRCUMFERENCE, NATURAL INDENTATION (WSCIRCNI, 114)	34, 44, 682, 816, 884, 930, 949- 953, 955, 958- 962, 964
WAIST CIRCUMFERENCE, OMPHALION (WSCIRCOM, 115)	34, 44, 683, 817, 884, 930, 949- 953, 955, 958- 962, 964



WAIST DEPTH (WSTDEPTH, 116)	34, 44, 684, 818, 884, 930, 949- 952, 955, 958- 961, 964
WAIST FRONT LENGTH, NATURAL INDENTATION (WSTFRLNI, 117)	34, 43, 685, 818, 884, 930, 949- 953, 955, 958- 962, 964
WAIST FRONT LENGTH, OMPHALION (WSTFRLM, 118)	35, 43, 685, 819, 885, 931, 949- 953, 955, 958- 962, 964
WAIST HEIGHT, NATURAL INDENTATION (WSTHNI, 119)	34, 41, 686, 820, 885, 931, 949- 953, 955, 958- 962, 964
WAIST HEIGHT, OMPHALION (WSTHOM, 120)	35, 41, 687, 821, 885, 931, 949- 953, 955, 958- 962, 964
WAIST HEIGHT, SITTING, NATURAL INDENTATION (WSHTSTNI, 121)	35, 40, 688, 822, 885, 931, 949- 953, 955, 958- 962, 964
WAIST HEIGHT, SITTING, OMPHALION (WSHTSTOM, 122)	35, 40, 688, 822, 886, 932, 949- 953, 955, 958- 962, 964
WAIST-HIP LENGTH (WSHIPLTH, 123)	35, 45, 689, 822, 886, 932, 949- 953, 955, 958- 962, 964
WAIST, NATURAL INDENTATION--WAIST OMPHALION (WSNIWSOM, 124)	35, 43, 689, 823, 886, 932, 949- 950, 955, 958- 959, 964
WEIGHT (WEIGHT, 125)	35, 690, 824, 886, 932, 954, 955, 963-964
WRIST- CENTER OF GRIP LENGTH (WRCTRGR, 126)	35, 49, 691, 825, 887, 933, 955, 964

WRIST CIRCUMFERENCE (WRISCIRC, 127)	35, 44, 692, 826, 887, 933, 951- 953, 955, 960- 962, 964
WRIST HEIGHT (WRISHGHT, 128)	35, 43, 694, 827, 887, 933, 955, 964
WRIST HEIGHT, SITTING (WRISHTST, 129)	35, 41, 695, 828, 887, 933, 955, 964
WRIST-INDEX FINGER LENGTH (WRINFNGL, 130)	35, 49, 696, 829, 888, 934, 955, 964
WRIST-THUMB TIP LENGTH (WRTHLGTH, 131)	35, 49, 697, 830, 888, 934, 955, 964
WRIST-WALL LENGTH (WRWALLLN, 132)	35, 46, 698, 831, 888, 934, 955, 964
WRIST-WALL LENGTH, EXTENDED (WRWALLEX, 133)	35, 46, 699, 832, 888, 934, 955, 964
Zygion	24
ZYGION TO BACK OF HEAD (ZYGB, 256)	39, 50, 718, 852, 900, 946, 956, 965
ZYGION TO TOP OF HEAD (ZYG, 257)	39, 51, 719, 852, 900, 946, 956, 965
Zygofrontale	24
ZYGOFRONTALE TO BACK OF HEAD (ZYFRB, 258)	39, 50, 719, 853, 900, 946, 956, 965
ZYGOFRONTALE TO TOP OF HEAD (ZYFRT, 259)	39, 51, 720, 853, 900, 946, 956, 965

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**SUPPLEMENTARY**

**INFORMATION**

AD-A224 990

# ERRATA

TITLE: 1988 Anthropometric Survey of U.S. Army  
Personnel: Correlation Coefficients and  
Regression Equations

Parts 1 through 5.

AUTHORS: James Cheverud, Claire C. Gordon, Robert  
A. Walker, Cashell Jacquish, Luci Kohn,  
Allen Moore, and Nyuta Yamashita

TECHNICAL REPORTS: Natick/TR-90/032, TR-90/033, TR-90/034,  
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A224 990

Publication Year: May 1990

For the above-referenced Technical Reports, note should be made that head and face dimensions measured with the automated headboard device were recorded to the nearest 0.1 millimeter, not to the nearest millimeter as indicated originally on page 25 of Part I. Conversion procedures are outlined on the following page.

When calculating regressions using headboard dimensions, conversions from 0.1 mm to 1 mm are necessary:

1) When . . .

Headboard dimension = dependent variable  
Standard dimension = independent variable

divide the answer by 10.

e.g. Glabx by Headcirc

$x = (3.862 * 567.7) + (-195.529)$   
 $x = 1996.9284 / 10$   
 $x = 199.7 \text{ mm}$

[Note: When Headboard dimension is the dependent variable, the Standard Estimate of Error is in 0.1 mm.]

2) When . . .

Headboard dimension = independent variable  
Standard dimension = dependent variable

multiply headboard input by 10.

e.g. Headcirc by Glabx

$y = 199.7 * 10$   
 $x = (.176 * 1997) + 215.654$   
 $x = 567.1 \text{ mm}$

3) When . . .

Headboard dimension = independent variable  
Headboard dimension = dependent variable

multiply headboard input by 10;  
divide answer by 10.

e.g. Glabx by Subnasx

$y = 203.5 * 10$   
 $x = (.704 * 2035) + 564.589$   
 $x = 1997.229 / 10$   
 $x = 199.7 \text{ mm}$

**SUPPLEMENTARY**

**INFORMATION**

ERRATA

TITLE: 1988 Anthropometric Surve of U.S. Army  
Personel: Correlation Coefficients and  
Regression Equations  
  
Part V: Stepwise and Standard Multiple  
Regression Tables

AUTHORS: James Cheverud, Claire C. Gordon, Robert A.  
Walker, Cashell Jacquish, Luci Kohn, Allen  
Moore, and Nyuta Yamashita

TECHNICAL REPORT: Natick/TR-90/036

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In the above-referenced Technical Report, the following revised  
Tables 15 and 16 should be substituted for pages 948-965.

AD A 224 990

**TABLE 15**

**MALE STANDARD MULTIPLE REGRESSIONS**



TABLE 15

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE  
39 (CRCHGHT) CROTCH HEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 24 (SE)	SLOPE 39 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-42.063 ( 9.207)	0.363 ( 0.007)	-0.091 ( 0.009)	17.655	.610
6 ANKLCIRC	65.611 ( 5.067)	0.134 ( 0.004)	0.029 ( 0.005)	9.716	.444
7 AXHGHT	254.649 (12.984)	0.186 ( 0.010)	1.056 ( 0.013)	24.899	.816
25 BUTTDPHT	-9.766 ( 5.093)	0.299 ( 0.004)	-0.043 ( 0.005)	9.766	.778
26 BUTTHGHT	33.073 ( 8.210)	0.073 ( 0.006)	0.935 ( 0.008)	15.743	.888
29 CALFCIRC	67.752 ( 6.098)	0.315 ( 0.006)	-----	16.198	.595
30 CALFHGHT	-45.220 ( 6.242)	0.041 ( 0.005)	0.428 ( 0.006)	11.970	.745
33 CHSTBDTH	47.675 ( 8.527)	0.321 ( 0.006)	-0.050 ( 0.009)	16.351	.590
34 CHSTCIRC	134.304 (20.837)	0.913 ( 0.016)	-0.049 ( 0.021)	39.957	.665
37 CHSTDPHT	-1.092 ( 6.998)	0.273 ( 0.005)	-0.029 ( 0.007)	13.419	.609
40 CRCHLNI	88.829 (16.883)	0.733 ( 0.013)	-0.052 ( 0.017)	32.375	.660
41 CRHLOM	154.368 (11.450)	0.404 ( 0.012)	-----	30.416	.505
42 CRLPNI	66.954 ( 7.554)	0.326 ( 0.008)	-----	20.066	.506
43 CRLPOM	112.508 (11.324)	0.184 ( 0.008)	0.026 ( 0.011)	21.714	.227
57 GLUFURHT	-1.880 ( 7.332)	0.042 ( 0.005)	0.926 ( 0.007)	14.059	.905
66 HIPBRTH	35.399 ( 4.524)	0.290 ( 0.003)	0.025 ( 0.005)	8.675	.817
68 ILCRSIT	102.154 ( 8.094)	0.127 ( 0.006)	1.011 ( 0.008)	15.521	.909
72 KNEECIRC	50.202 ( 5.916)	0.295 ( 0.004)	0.055 ( 0.006)	11.344	.738
73 KNEEHMP	0.751 ( 5.452)	0.063 ( 0.004)	0.528 ( 0.005)	10.454	.856
75 LATFEMEP	9.492 ( 4.750)	0.069 ( 0.004)	0.506 ( 0.005)	9.109	.880
76 LATMALHT	19.665 ( 2.622)	0.019 ( 0.002)	0.034 ( 0.003)	5.029	.155
77 LOTHCIRC	21.603 ( 5.130)	0.376 ( 0.005)	-----	13.627	.747
79 MSHTSIT	312.218 (12.425)	0.195 ( 0.009)	0.151 ( 0.012)	23.825	.288
101 STRLGHT	211.323 (14.651)	0.448 ( 0.011)	0.070 ( 0.015)	28.095	.510
103 TENRIBHT	149.650 (10.097)	0.176 ( 0.008)	0.953 ( 0.010)	19.361	.858
104 THGHCIRC	-95.933 ( 9.157)	0.747 ( 0.007)	-0.051 ( 0.009)	17.559	.873
109 VTCASCC	498.083 (24.161)	0.963 ( 0.018)	0.172 ( 0.024)	46.331	.642
110 VTCUSA	512.585 (24.581)	0.958 ( 0.018)	0.212 ( 0.025)	47.137	.636
111 WSTBLNI	228.475 (11.299)	0.071 ( 0.008)	0.136 ( 0.011)	21.668	.129
112 WSTBLOM	195.049 (11.891)	0.198 ( 0.009)	0.106 ( 0.012)	22.802	.277
113 WSTBRTH	-37.718 ( 7.848)	0.399 ( 0.006)	-0.054 ( 0.008)	15.049	.725
114 WSCIRCNI	-17.780 (20.826)	1.021 ( 0.016)	-0.175 ( 0.021)	39.935	.709
115 WSCIRCOM	-157.925 (22.473)	1.228 ( 0.017)	-0.223 ( 0.023)	43.094	.751
116 WSTDEPTH	-41.369 ( 7.995)	0.336 ( 0.006)	-0.075 ( 0.008)	15.330	.640
117 WSTFRLNI	212.981 (10.926)	0.072 ( 0.008)	0.074 ( 0.011)	20.952	.079
118 WSTFRLM	183.275 (10.825)	0.201 ( 0.008)	0.040 ( 0.011)	20.757	.281
119 WSTHNI	107.863 ( 8.916)	0.213 ( 0.007)	0.968 ( 0.009)	17.096	.892
120 WSTHOM	131.652 ( 9.009)	0.086 ( 0.007)	1.006 ( 0.009)	17.276	.885
121 WSHTSTNI	129.932 ( 7.395)	0.131 ( 0.006)	0.035 ( 0.007)	14.181	.268
122 WSHTSTOM	140.650 ( 7.606)	0.058 ( 0.006)	0.044 ( 0.008)	14.586	.085
123 WSHIPLTH	91.164 (10.457)	0.024 ( 0.008)	0.074 ( 0.011)	20.052	.037
124 WSHIWSOM	-34.384 ( 8.675)	0.130 ( 0.006)	-0.028 ( 0.009)	16.635	.184

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.564  
INTERCEPT WITH SLOPE 39 = -0.642  
SLOPE 24 WITH SLOPE 39 = -0.204
- 2) SIMPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.998  
INTERCEPT WITH SLOPE 39 = -0.998

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 39 (CRCHHGHT) CROTCH HEIGHT  
115 (WSCIRCUM) WAIST CIRCUMFERENCE, OMPHALION

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 115 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	3.851 ( 5.770)	-0.025 ( 0.006)	0.297 ( 0.003)	12.028	.819
6 ANKLCIRC	107.756 ( 5.193)	0.057 ( 0.006)	0.077 ( 0.003)	10.826	.310
7 AXHGHT	288.998 (11.816)	1.091 ( 0.013)	0.138 ( 0.007)	24.634	.820
24 BUTTCIRC	284.645 (14.590)	0.205 ( 0.016)	0.611 ( 0.008)	30.416	.761
25 BUTTDPH	64.026 ( 5.598)	0.017 ( 0.006)	0.198 ( 0.003)	11.670	.683
26 BUTTHGHT	41.852 ( 7.441)	0.948 ( 0.008)	0.060 ( 0.004)	15.512	.891
29 CALFCIRC	156.707 ( 9.271)	0.074 ( 0.010)	0.185 ( 0.005)	19.329	.423
30 CALFHGHT	-32.942 ( 5.778)	0.436 ( 0.006)	0.025 ( 0.003)	12.046	.742
33 CHSTBDTH	109.050 ( 3.366)	----- (-----)	0.246 ( 0.004)	14.131	.694
34 CHSTCIRC	310.943 (17.815)	0.126 ( 0.019)	0.667 ( 0.010)	37.139	.711
37 CHSTDPTH	50.075 ( 5.951)	0.023 ( 0.006)	0.202 ( 0.003)	12.407	.666
40 CRCHLNI	242.279 (15.369)	0.091 ( 0.016)	0.520 ( 0.009)	32.041	.667
41 CRHLOM	280.797 (15.979)	0.110 ( 0.017)	0.310 ( 0.009)	33.313	.406
42 CRLPNI	151.937 (10.137)	0.057 ( 0.011)	0.218 ( 0.006)	21.132	.451
43 CRLPOM	177.333 (11.022)	0.066 ( 0.012)	0.097 ( 0.006)	22.978	.134
57 GLUFURHT	-3.768 ( 6.611)	0.932 ( 0.007)	0.044 ( 0.004)	13.733	.909
66 HIPBRTH	112.542 ( 5.552)	0.084 ( 0.006)	0.185 ( 0.003)	11.574	.674
68 ILCRSIT	129.986 ( 7.468)	1.036 ( 0.008)	0.089 ( 0.004)	15.569	.908
72 KNEECIRC	133.291 ( 6.887)	0.115 ( 0.007)	0.181 ( 0.004)	14.358	.580
73 KNEHTMP	10.774 ( 4.945)	0.540 ( 0.005)	0.049 ( 0.003)	10.310	.860
75 LATFEMEP	22.505 ( 4.326)	0.519 ( 0.005)	0.051 ( 0.002)	9.018	.882
76 LATMALHT	22.022 ( 2.388)	0.037 ( 0.003)	0.016 ( 0.001)	4.978	.172
77 LOTHCIRC	138.247 ( 8.531)	0.064 ( 0.009)	0.232 ( 0.005)	17.784	.569
79 MSHTSIT	356.036 (11.495)	0.189 ( 0.012)	0.134 ( 0.007)	23.963	.279
101 STRLGTH	302.783 (13.285)	0.157 ( 0.014)	0.321 ( 0.008)	27.696	.524
103 TENRIBHT	186.511 ( 9.271)	0.988 ( 0.010)	0.125 ( 0.005)	19.327	.858
104 THGHCIRC	119.855 (14.001)	0.103 ( 0.015)	0.453 ( 0.008)	29.188	.649
109 VTCASCC	704.094 (22.332)	0.359 ( 0.024)	0.678 ( 0.013)	46.556	.638
110 VTCUSA	724.430 (23.173)	0.399 ( 0.025)	0.665 ( 0.013)	48.311	.617
111 WSTBLNI	239.755 (10.350)	0.149 ( 0.011)	0.055 ( 0.006)	21.577	.137
112 WSTBLOM	217.091 (10.301)	0.142 ( 0.011)	0.165 ( 0.006)	21.475	.359
113 WSTBRTH	19.022 ( 3.838)	0.019 ( 0.004)	0.318 ( 0.002)	8.000	.922
114 WSCIRCNI	131.828 ( 5.041)	----- (-----)	0.821 ( 0.006)	21.160	.918
116 WSTDEPTH	-0.633 ( 4.360)	-0.014 ( 0.005)	0.277 ( 0.003)	9.091	.874
117 WSTFRLNI	227.552 (10.041)	0.088 ( 0.011)	0.052 ( 0.006)	20.934	.080
118 WSTFRLOM	209.554 ( 9.380)	0.077 ( 0.010)	0.163 ( 0.005)	19.556	.362
119 WSTHNI	149.362 ( 8.049)	1.008 ( 0.009)	0.155 ( 0.005)	16.781	.896
120 WSTHOM	162.734 ( 8.466)	1.025 ( 0.009)	0.044 ( 0.005)	17.649	.880
121 WSHSTNI	160.679 ( 6.891)	0.060 ( 0.007)	0.088 ( 0.004)	14.367	.249
122 WSHSTOM	175.349 ( 7.181)	0.059 ( 0.008)	0.012 ( 0.004)	14.971	.036
123 WSHIPLTH	118.034 ( 9.634)	0.081 ( 0.010)	-0.011 ( 0.006)	20.085	.034
124 WSNISOM	-28.406 ( 3.709)	----- (-----)	0.114 ( 0.004)	15.570	.285

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.868  
INTERCEPT WITH SLOPE 115 = -0.444  
SLOPE 39 WITH SLOPE 115 = -0.060
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 115 = -0.995

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 34 (CHSTCIRC) CHEST CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 34 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	-38.439 (11.857)	0.316 (0.007)	-0.021 (0.007)	18.433	.575
5 ACRDLGTH	-28.979 (6.557)	0.020 (0.004)	0.199 (0.004)	10.193	.647
8 AXARCIRC	35.908 (9.865)	0.329 (0.006)	-0.015 (0.006)	15.337	.681
11 BCRMBDTH	134.413 (9.559)	0.077 (0.005)	0.106 (0.006)	14.861	.315
12 BICIRCFL	51.676 (6.292)	0.288 (0.006)	----- (-----)	18.410	.539
13 BIDLBOTH	100.393 (8.905)	0.297 (0.005)	0.055 (0.005)	13.844	.715
23 BSTPTBR	-4.043 (8.600)	0.187 (0.005)	0.020 (0.005)	13.369	.501
24 BUTTCIRC	35.381 (22.336)	0.688 (0.013)	0.151 (0.013)	34.724	.688
25 BUTTDPH	6.624 (8.615)	0.226 (0.005)	0.010 (0.005)	13.392	.583
26 BUTTHGHT	-148.972 (15.946)	-0.034 (0.009)	0.610 (0.009)	24.790	.723
31 CERVHGHT	-119.859 (6.853)	0.035 (0.004)	0.914 (0.004)	10.653	.971
33 CHSTBDTH	-8.670 (3.801)	0.333 (0.004)	----- (-----)	11.122	.811
35 CHSTCISC	59.768 (11.031)	0.900 (0.006)	0.040 (0.006)	17.149	.931
36 CHSTCB	18.238 (5.771)	0.916 (0.006)	----- (-----)	16.885	.933
37 CHSTDPTH	-17.909 (6.182)	0.281 (0.003)	-0.010 (0.004)	9.611	.800
53 FCIRCFL	74.661 (8.761)	0.175 (0.005)	0.031 (0.005)	13.620	.473
55 FORHDLG	24.676 (9.651)	----- (-----)	0.262 (0.005)	15.451	.561
66 HIPBRTH	19.659 (8.398)	0.190 (0.005)	0.076 (0.005)	13.055	.585
70 INSCYE1	48.447 (14.695)	0.302 (0.008)	0.030 (0.009)	22.845	.472
71 INSCYE2	100.727 (13.866)	0.226 (0.008)	0.047 (0.008)	21.556	.379
80 NKBPLGTH	11.333 (8.164)	0.164 (0.005)	0.056 (0.005)	12.691	.511
81 NECKCIRC	137.173 (8.961)	0.190 (0.005)	0.031 (0.005)	13.932	.499
82 NECKCRCB	142.353 (9.773)	0.179 (0.005)	0.051 (0.006)	15.193	.451
89 SCYECIRC	34.820 (9.811)	0.300 (0.006)	0.065 (0.006)	15.252	.684
90 SCYEDPTH	20.808 (8.539)	0.083 (0.005)	0.063 (0.005)	13.275	.269
91 SHOUCIRC	239.034 (19.150)	0.712 (0.011)	0.131 (0.011)	29.770	.757
92 SHOUELLT	-23.435 (6.602)	0.016 (0.004)	0.214 (0.004)	10.263	.672
93 SHOULGTH	63.190 (6.570)	----- (-----)	0.050 (0.004)	10.519	.091
95 SLLSPEL	24.440 (10.624)	0.141 (0.006)	0.243 (0.006)	16.516	.626
96 SLLSPSC	62.786 (7.662)	0.116 (0.004)	0.028 (0.004)	11.911	.349
97 SLLSPWR	28.108 (13.349)	0.146 (0.008)	0.406 (0.008)	20.752	.701
98 SLOUTSM	-32.537 (11.852)	----- (-----)	0.361 (0.007)	18.974	.618
99 SPAN	52.127 (30.518)	0.034 (0.017)	0.989 (0.018)	47.443	.665
101 STRLGTH	69.860 (16.301)	0.386 (0.009)	0.147 (0.009)	25.341	.602
109 VTCASCC	57.629 (26.926)	0.683 (0.015)	0.487 (0.016)	41.860	.707
110 VTCUSA	56.772 (27.310)	0.659 (0.015)	0.525 (0.016)	42.456	.704
111 WSTBLNI	39.347 (11.981)	0.024 (0.007)	0.199 (0.007)	18.626	.357
112 WSTBLMI	22.827 (13.244)	0.113 (0.007)	0.196 (0.008)	20.589	.411
113 WSTBRTH	-73.347 (10.063)	0.339 (0.006)	0.026 (0.006)	15.643	.703
114 WSCIRCNI	-94.479 (12.055)	0.943 (0.012)	----- (-----)	35.275	.773
115 WSCIRCMI	-178.309 (16.070)	1.050 (0.016)	----- (-----)	47.023	.704
116 WSTDPTH	-39.684 (10.388)	0.291 (0.006)	-0.013 (0.006)	16.150	.601
117 WSTFRLNI	42.406 (12.054)	0.034 (0.007)	0.153 (0.007)	18.739	.263
118 WSTFRLMI	30.122 (12.436)	0.125 (0.007)	0.148 (0.007)	19.333	.376
119 WSTHNI	-150.368 (12.877)	0.037 (0.007)	0.707 (0.007)	20.019	.852
120 WSTHMI	-143.022 (12.998)	-0.055 (0.007)	0.715 (0.008)	20.207	.843
121 WSHSTMI	46.838 (8.903)	0.063 (0.005)	0.101 (0.005)	13.841	.303
122 WSHSTOM	67.487 (8.662)	----- (-----)	0.095 (0.005)	13.867	.174
123 WSHIPLTH	-2.289 (12.038)	----- (-----)	0.102 (0.007)	19.272	.111
127 WRISCIRC	37.763 (3.902)	0.057 (0.002)	0.045 (0.002)	6.066	.467

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 34 = -0.239  
INTERCEPT WITH SLOPE 100 = -0.847  
SLOPE 34 WITH SLOPE 100 = -0.312
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 34 = -0.998  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 91 (SHOUCIRC) SHOULDER CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 91 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-71.764 (14.547)	0.310 ( 0.009)	-0.030 ( 0.008)	21.831	.404
5 ACRDLGTH	-35.929 ( 6.768)	0.029 ( 0.004)	0.195 ( 0.004)	10.156	.650
8 AXARCIRC	-39.898 ( 9.764)	0.398 ( 0.006)	-0.053 ( 0.006)	14.652	.708
11 BCMBDTH	83.072 ( 8.750)	0.155 ( 0.006)	0.075 ( 0.005)	13.131	.466
12 BICIRCFL	-16.054 (11.141)	0.371 ( 0.007)	-0.047 ( 0.006)	16.719	.620
13 BIDLBDTH	11.559 ( 6.238)	0.397 ( 0.004)	0.008 ( 0.004)	9.360	.870
23 BSTPTBR	-23.620 (10.038)	0.183 ( 0.006)	0.014 ( 0.006)	15.064	.366
24 BUTTCIRC	-83.993 (25.566)	0.761 ( 0.016)	0.099 ( 0.015)	38.366	.619
25 BUTTDPH	-32.188 ( 6.897)	0.238 ( 0.006)	----- (-----)	14.905	.484
26 BUTTHGHT	-151.989 (16.568)	-0.021 ( 0.011)	0.606 ( 0.010)	24.864	.721
31 CERVHGHT	-123.276 ( 7.152)	0.033 ( 0.005)	0.913 ( 0.004)	10.733	.971
33 CHSTBDTH	-54.177 (10.324)	0.343 ( 0.007)	-0.016 ( 0.006)	15.493	.632
34 CHSTCIRC	-116.232 (23.507)	0.999 ( 0.015)	-0.038 ( 0.014)	35.277	.739
35 CHSTCISC	-94.468 (18.510)	0.991 ( 0.012)	-0.027 ( 0.011)	27.777	.819
36 CHSTCB	-60.377 (25.623)	0.892 ( 0.016)	-0.035 ( 0.015)	38.451	.655
37 CHSTDPH	-44.661 ( 9.634)	0.270 ( 0.006)	-0.017 ( 0.006)	14.457	.547
53 FCIRCFL	30.382 ( 5.765)	0.232 ( 0.005)	----- (-----)	12.457	.559
55 FORHDLG	2.004 (10.182)	0.042 ( 0.007)	0.247 ( 0.006)	15.280	.571
65 HIPBRTH	-5.642 ( 9.626)	0.196 ( 0.006)	0.067 ( 0.006)	14.445	.492
70 INSCYE1	-32.006 (10.261)	0.369 ( 0.009)	----- (-----)	22.174	.502
71 INSCYE2	30.850 ( 8.966)	0.320 ( 0.008)	----- (-----)	19.376	.499
80 NKBPLGTH	-5.722 ( 9.317)	0.160 ( 0.006)	0.051 ( 0.005)	14.071	.399
81 NECKCIRC	100.566 ( 6.244)	0.237 ( 0.005)	----- (-----)	13.494	.530
82 NECKCRCB	95.781 ( 9.688)	0.226 ( 0.006)	0.027 ( 0.006)	14.538	.497
89 SCYECIRC	-22.236 (10.823)	0.341 ( 0.007)	0.038 ( 0.006)	16.241	.641
90 SCYEDPTH	5.910 ( 8.929)	0.092 ( 0.006)	0.056 ( 0.005)	13.399	.255
92 SHOUELLT	-30.542 ( 6.809)	0.026 ( 0.004)	0.210 ( 0.004)	10.218	.675
93 SHOULGTH	38.196 ( 6.801)	0.046 ( 0.004)	0.033 ( 0.004)	10.206	.143
95 SLLSPEL	-24.031 (10.225)	0.200 ( 0.007)	0.216 ( 0.006)	15.344	.677
96 SLLSPSC	32.744 ( 7.709)	0.146 ( 0.005)	0.012 ( 0.004)	11.569	.386
97 SLLSPWR	-31.981 (12.755)	0.226 ( 0.008)	0.372 ( 0.007)	19.141	.745
98 SLOUTSM	-48.858 (12.598)	0.030 ( 0.008)	0.350 ( 0.007)	18.906	.621
99 SPAN	-37.772 (30.838)	0.193 ( 0.020)	0.931 ( 0.018)	46.278	.681
101 STRLGTH	2.807 (17.945)	0.427 ( 0.012)	0.118 ( 0.010)	26.929	.550
109 VTCASCC	-6.629 (32.959)	0.654 ( 0.021)	0.471 ( 0.019)	49.461	.55
110 VTCUSA	-4.592 (33.012)	0.630 ( 0.021)	0.510 ( 0.019)	49.540	.598
111 WSTBLNI	49.596 (11.673)	----- (-----)	0.206 ( 0.007)	18.688	.353
112 WSTBLOM	25.974 (14.261)	0.083 ( 0.009)	0.202 ( 0.008)	21.402	.363
113 WSTBRTH	-103.750 (13.689)	0.322 ( 0.009)	0.019 ( 0.008)	20.543	.487
114 WSCIRCNI	-163.335 (32.843)	0.938 ( 0.021)	-0.057 ( 0.019)	49.286	.557
115 WSCIRCOM	-319.923 (28.437)	1.006 ( 0.024)	----- (-----)	61.451	.494
116 WSTDEPTH	-68.826 (13.008)	0.282 ( 0.008)	-0.021 ( 0.008)	19.521	.417
117 WSTFRLNI	47.065 (12.559)	0.018 ( 0.008)	0.158 ( 0.007)	18.847	.255
118 WSTFRLM	26.414 (13.447)	0.105 ( 0.009)	0.151 ( 0.008)	20.180	.321
119 WSTHNI	-165.774 (13.269)	0.058 ( 0.009)	0.698 ( 0.008)	19.913	.854
120 WSTHOM	-147.723 (13.618)	-0.034 ( 0.009)	0.710 ( 0.008)	20.437	.839
121 WSHTSTNI	35.111 ( 9.263)	0.071 ( 0.006)	0.096 ( 0.005)	13.901	.296
122 WSHTSTOM	57.292 ( 9.217)	0.019 ( 0.006)	0.088 ( 0.005)	13.832	.177
123 WSHIPLTH	-2.289 (12.038)	----- (-----)	0.102 ( 0.007)	19.272	.111
127 WRISCIRC	23.347 ( 3.953)	0.072 ( 0.003)	0.038 ( 0.002)	5.933	.490

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 91 = -0.348  
INTERCEPT WITH SLOPE 100 = -0.700  
SLOPE 91 WITH SLOPE 100 = -0.399

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 91 = -0.999  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 39 (CRCHGHT) CROTCH HEIGHT  
110 (VTCUSA) VERTICAL TRUNK CIRCUMFERENCE (USA)

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
5 ACRDLGTH	21.360 ( 5.426)	0.270 ( 0.005)	0.057 ( 0.003)	9.326	.705
6 ANKLCIRC	49.642 ( 6.114)	0.021 ( 0.006)	0.095 ( 0.003)	10.508	.350
8 AXARCIRC	9.174 (11.958)	-0.069 ( 0.011)	0.235 ( 0.007)	20.554	.426
11 BCMBOOTH	178.319 ( 9.071)	0.106 ( 0.008)	0.080 ( 0.005)	15.592	.246
12 BICIRCFL	44.025 (11.526)	----- (-----)	0.180 ( 0.007)	23.199	.268
13 BIDLBOOTH	124.830 ( 9.484)	----- (-----)	0.225 ( 0.006)	19.089	.458
24 BUTTCIRC	-40.225 (19.024)	----- (-----)	0.627 ( 0.012)	38.291	.621
26 BUTTHGHT	16.299 ( 9.172)	0.927 ( 0.008)	0.058 ( 0.005)	15.765	.888
29 CALFCIRC	50.802 ( 9.961)	----- (-----)	0.201 ( 0.006)	20.049	.379
31 CERVHGHT	103.664 ( 9.901)	1.014 ( 0.009)	0.347 ( 0.005)	17.019	.926
34 CHSTCIRC	10.548 (27.625)	-0.110 ( 0.025)	0.658 ( 0.015)	47.483	.527
35 CHSTCISC	86.136 (26.846)	-0.052 ( 0.025)	0.601 ( 0.015)	46.145	.502
36 CHSTCB	18.183 (25.531)	-0.168 ( 0.023)	0.643 ( 0.014)	43.885	.551
40 CRCHLNI	-91.842 (18.915)	-0.132 ( 0.017)	0.594 ( 0.010)	32.513	.657
41 CRHLOM	-11.927 (16.310)	-0.059 ( 0.015)	0.430 ( 0.009)	28.035	.579
42 CRLPNI	-1.397 (11.940)	-0.041 ( 0.011)	0.260 ( 0.007)	20.523	.483
43 CRLPOM	41.308 (10.388)	----- (-----)	0.168 ( 0.006)	20.908	.283
53 FCIRCFL	71.799 ( 9.112)	0.031 ( 0.008)	0.126 ( 0.005)	15.662	.303
57 GLUFURHT	-13.210 ( 8.174)	0.921 ( 0.008)	0.035 ( 0.004)	14.050	.905
66 HIPBRTH	24.843 ( 6.678)	----- (-----)	0.194 ( 0.004)	13.442	.560
70 INSCYE1	90.287 (13.754)	----- (-----)	0.191 ( 0.008)	27.683	.225
71 INSCYE2	147.543 (14.417)	0.032 ( 0.013)	0.142 ( 0.008)	24.781	.180
72 KNEECIRC	30.646 ( 8.926)	0.043 ( 0.008)	0.196 ( 0.005)	15.342	.520
73 KNEEHTMP	-17.082 ( 6.053)	0.520 ( 0.006)	0.053 ( 0.003)	10.404	.858
77 LOTHCIRC	15.647 (11.390)	-0.025 ( 0.010)	0.243 ( 0.006)	19.578	.477
81 NECKCIRC	125.986 ( 7.703)	----- (-----)	0.155 ( 0.005)	15.505	.380
82 NECKCRCB	155.574 ( 8.227)	----- (-----)	0.155 ( 0.005)	16.558	.348
89 SCYECIRC	35.795 ( 9.309)	----- (-----)	0.251 ( 0.006)	18.736	.523
90 SCYEDPTH	43.994 ( 7.907)	0.023 ( 0.007)	0.092 ( 0.004)	13.590	.234
91 SHOUCIRC	288.806 (26.250)	0.091 ( 0.024)	0.497 ( 0.014)	45.121	.442
93 SHOULGTH	88.107 ( 6.191)	0.057 ( 0.006)	0.009 ( 0.003)	10.641	.069
95 SLLSPEL	99.571 (10.424)	0.282 ( 0.010)	0.157 ( 0.006)	17.918	.560
96 SLLSPSC	78.692 ( 6.448)	----- (-----)	0.090 ( 0.004)	12.979	.228
97 SLLSPWR	139.047 (11.912)	0.539 ( 0.011)	0.181 ( 0.006)	20.475	.709
98 SLOUTSM	57.550 ( 9.657)	0.513 ( 0.009)	0.070 ( 0.005)	16.616	.707
99 SPAN	331.230 (24.423)	1.394 ( 0.022)	0.199 ( 0.013)	41.979	.738
101 STRLGTH	116.118 (14.074)	----- (-----)	0.364 ( 0.009)	28.327	.502
104 THGHCIRC	-73.630 (20.974)	-0.054 ( 0.019)	0.438 ( 0.011)	36.052	.465
111 WSTBLNI	89.583 (10.907)	0.081 ( 0.010)	0.156 ( 0.006)	18.747	.348
112 WSTBLOM	46.429 (10.696)	0.046 ( 0.010)	0.241 ( 0.006)	18.386	.530
114 WSCIRCNI	-147.063 (28.969)	-0.241 ( 0.027)	0.728 ( 0.016)	49.794	.548
115 WSCIRCUM	-318.931 (32.344)	-0.304 ( 0.030)	0.880 ( 0.018)	55.594	.586
117 WSTFRLNI	85.783 (10.674)	0.024 ( 0.010)	0.147 ( 0.006)	18.346	.294
118 WSTFRLM	40.370 ( 8.298)	----- (-----)	0.229 ( 0.005)	16.702	.535
119 WSTHNI	18.477 ( 8.822)	0.930 ( 0.008)	0.202 ( 0.005)	15.164	.915
120 WSTHOM	50.684 ( 9.151)	0.974 ( 0.008)	0.118 ( 0.005)	15.729	.905
121 WSHSTSTNI	59.260 ( 6.198)	----- (-----)	0.140 ( 0.004)	12.476	.434
122 WSHSTSTOM	81.907 ( 7.945)	0.021 ( 0.007)	0.083 ( 0.004)	13.657	.198
123 WSHIPLTH	30.179 (11.356)	0.050 ( 0.010)	0.064 ( 0.006)	19.520	.088
127 WRISCIRC	45.777 ( 3.630)	0.030 ( 0.003)	0.063 ( 0.002)	6.240	.436

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.520  
INTERCEPT WITH SLOPE 110 = -0.673  
SLOPE 39 WITH SLOPE 110 = -0.281
- SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 110 = -0.999

MULTIPLE REGRESSIONS -- MALE

INDEPENDENT VARIABLES: 100 (STATURE) STATURE  
125 (WEIGHT) WEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 100 (SE)	SLOPE 125 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	291.712 (10.673)	-0.138 ( 0.007)	0.242 ( 0.004)	16.224	.671
3 ACRHGHT	-101.311 (10.527)	0.863 ( 0.007)	0.036 ( 0.004)	16.002	.933
4 ACRHTST	132.472 (14.259)	0.240 ( 0.009)	0.057 ( 0.006)	21.676	.463
5 ACRDLGTH	-8.536 ( 6.704)	0.192 ( 0.004)	0.015 ( 0.003)	10.190	.647
6 ANKLCIRC	156.184 ( 1.554)	----- (-----)	0.083 ( 0.002)	9.166	.506
7 AXHGHT	-162.210 ( 9.727)	0.850 ( 0.006)	-0.011 ( 0.004)	14.785	.935
8 AXARCIRC	378.468 ( 8.170)	-0.137 ( 0.005)	0.251 ( 0.003)	12.419	.791
9 BLFTCIRC	130.908 ( 6.130)	0.043 ( 0.004)	0.055 ( 0.002)	9.319	.424
10 BLFTLGTH	35.329 ( 5.211)	0.084 ( 0.003)	0.017 ( 0.002)	7.921	.426
11 BCRMBDTH	210.033 ( 9.803)	0.083 ( 0.006)	0.053 ( 0.004)	14.901	.312
12 BICIRCFL	368.343 (10.523)	-0.119 ( 0.007)	0.227 ( 0.004)	15.996	.652
13 BIDLBDTH	395.859 ( 9.091)	-0.039 ( 0.006)	0.209 ( 0.004)	13.820	.716
14 BIMBDTH	29.495 ( 2.063)	0.019 ( 0.001)	0.012 ( 0.001)	3.136	.356
15 BISBDTH	131.870 (11.283)	0.020 ( 0.007)	0.081 ( 0.004)	17.152	.247
16 BITCHARC	267.922 ( 1.795)	----- (-----)	0.074 ( 0.002)	10.592	.374
17 BITCOARC	283.396 ( 8.026)	0.028 ( 0.005)	0.027 ( 0.003)	12.200	.109
18 BITCRARC	298.041 ( 1.868)	----- (-----)	0.036 ( 0.002)	10.913	.118
19 BITFRARC	270.975 ( 1.617)	----- (-----)	0.043 ( 0.002)	9.538	.197
20 BITSMARC	238.283 ( 1.885)	----- (-----)	0.084 ( 0.002)	11.123	.413
21 BITSNARC	263.219 ( 6.201)	-0.009 ( 0.004)	0.056 ( 0.002)	9.426	.285
22 BIZBDTH	131.214 ( 3.208)	-0.007 ( 0.002)	0.027 ( 0.001)	4.877	.241
23 BSTPTBR	170.743 ( 9.521)	-0.027 ( 0.006)	0.118 ( 0.004)	14.473	.415
24 BUTTCIRC	789.688 (13.462)	-0.145 ( 0.009)	0.571 ( 0.005)	20.463	.892
25 BUTTDPH	253.060 ( 6.590)	-0.086 ( 0.004)	0.186 ( 0.003)	10.018	.767
26 BUTTHGHT	-177.993 (16.338)	0.615 ( 0.011)	-0.018 ( 0.006)	24.835	.722
27 BUTTKLTH	50.582 (10.674)	0.287 ( 0.007)	0.079 ( 0.004)	16.226	.705
28 BUTTPLTH	-9.715 (10.842)	0.274 ( 0.007)	0.038 ( 0.004)	16.481	.616
29 CALFCIRC	324.654 ( 9.546)	-0.062 ( 0.006)	0.206 ( 0.004)	14.511	.675
30 CALFHGHT	-108.449 ( 9.933)	0.263 ( 0.006)	----- (-----)	15.903	.550
31 CERVHGHT	-82.841 ( 6.963)	0.900 ( 0.004)	0.028 ( 0.003)	10.584	.972
32 CERVSIT	153.000 (13.894)	0.275 ( 0.009)	0.052 ( 0.005)	21.120	.521
33 CHSTBDTH	303.272 ( 9.530)	-0.085 ( 0.006)	0.212 ( 0.004)	14.486	.678
34 CHSTCIRC	928.002 (20.302)	-0.242 ( 0.013)	0.622 ( 0.008)	30.861	.800
35 CHSTCISC	905.849 (20.164)	-0.189 ( 0.013)	0.573 ( 0.008)	30.651	.780
36 CHSTCS	894.596 (20.494)	-0.243 ( 0.013)	0.584 ( 0.008)	31.153	.773
37 CHSTDPTH	252.301 ( 7.521)	-0.089 ( 0.005)	0.187 ( 0.003)	11.433	.717
38 CHSTHGHT	-141.217 (11.285)	0.815 ( 0.007)	-0.018 ( 0.004)	17.155	.906
39 CRCHHGHT	-252.873 (15.402)	0.651 ( 0.010)	-0.068 ( 0.006)	23.413	.744
40 CRCHLNI	550.270 (21.436)	-0.067 ( 0.014)	0.426 ( 0.008)	32.585	.656
41 CRHLOM	375.284 (20.031)	0.032 ( 0.013)	0.265 ( 0.008)	30.448	.503
42 CRLPNI	250.969 ( 3.550)	----- (-----)	0.175 ( 0.004)	20.943	.462
43 CRLPOM	143.902 (14.383)	0.063 ( 0.009)	0.078 ( 0.006)	21.863	.216
44 EARBOTH	25.418 ( 1.724)	0.005 ( 0.001)	0.004 ( 0.001)	2.620	.066
45 EARLGTH	44.132 ( 2.678)	0.007 ( 0.002)	0.010 ( 0.001)	4.071	.104
46 EARLTRAG	24.968 ( 1.622)	0.003 ( 0.001)	0.002 ( 0.001)	2.465	.022
48 ELBCIRC	184.561 ( 1.349)	----- (-----)	0.118 ( 0.002)	7.958	.730
49 ELRHGHT	183.586 ( 4.470)	----- (-----)	0.060 ( 0.006)	26.372	.060
50 EYEHTSIT	149.746 (15.438)	0.359 ( 0.010)	0.014 ( 0.006)	23.468	.529
51 FTBRHOR	51.277 ( 2.775)	0.019 ( 0.002)	0.020 ( 0.001)	4.218	.357
52 FOOTLGTH	46.287 ( 6.006)	0.117 ( 0.004)	0.022 ( 0.002)	9.130	.514
53 FCIRCFL	263.221 ( 7.930)	-0.040 ( 0.005)	0.141 ( 0.003)	12.055	.587
54 FORFORBR	572.632 (17.908)	-0.172 ( 0.012)	0.351 ( 0.007)	27.222	.611
55 FORHDLG	42.519 (10.077)	0.242 ( 0.006)	0.022 ( 0.004)	15.318	.569
56 FNCLEGLG	-41.214 (16.103)	0.615 ( 0.010)	0.056 ( 0.006)	24.478	.770
57 GLUFURHT	-228.743 (15.769)	0.608 ( 0.010)	-0.031 ( 0.006)	23.970	.724
58 HANDBRTH	52.100 ( 2.273)	0.015 ( 0.001)	0.016 ( 0.001)	3.455	.329
59 HANDCIRC	128.762 ( 4.963)	0.029 ( 0.003)	0.043 ( 0.002)	7.544	.393
60 HANDLGTH	36.593 ( 4.836)	0.084 ( 0.003)	0.012 ( 0.002)	7.351	.435
61 HEADBRTH	149.975 ( 3.359)	-0.007 ( 0.002)	0.018 ( 0.001)	5.106	.107
62 HEADCIRC	480.736 ( 8.677)	0.021 ( 0.006)	0.063 ( 0.003)	13.189	.263
63 HEADLGTH	146.210 ( 4.240)	0.022 ( 0.003)	0.016 ( 0.002)	6.445	.166
64 HLAKCIRC	120.362 ( 6.829)	0.092 ( 0.004)	0.073 ( 0.003)	10.380	.593
65 HEELBRTH	51.668 ( .773)	----- (-----)	0.024 ( 0.001)	4.560	.248
66 HIPBRTH	222.801 ( 1.911)	----- (-----)	0.152 ( 0.002)	11.273	.691
67 HIPBRST	250.795 ( 8.040)	-0.026 ( 0.005)	0.206 ( 0.003)	12.222	.764
68 ILCRSIT	-181.841 (13.206)	0.722 ( 0.009)	-0.016 ( 0.005)	20.075	.847
69 INPUPBTH	57.951 ( .608)	----- (-----)	0.009 ( 0.001)	3.585	.066
70 INSCYE1	326.415 (16.370)	-0.040 ( 0.011)	0.185 ( 0.006)	24.885	.373

MULTIPLE REGRESSIONS -- MALE

71	INSCYE2	296.591 ( 3.811)	----- (-----)	0.140 ( 0.005)	22.482	.325
72	KNEECIRC	249.957 ( 1.840)	----- (-----)	0.174 ( 0.002)	10.853	.760
73	KNEENTMP	-110.914 ( 9.084)	0.351 ( 0.005)	----- (-----)	14.544	.722
74	KNEENTSI	-66.753 ( 8.349)	0.343 ( 0.005)	0. ( ) ( 0.003)	12.692	.793
75	LATFEMEP	-99.354 ( 8.100)	0.342 ( 0.005)	----- (-----)	12.968	.757
76	LATMALHT	6.198 ( 3.183)	0.032 ( 0.002)	0.006 ( 0.001)	4.839	.218
77	LOTHCIRC	341.645 ( 8.513)	-0.077 ( 0.005)	0.236 ( 0.003)	12.941	.772
78	MENSELL	77.985 ( 4.024)	0.021 ( 0.003)	0.010 ( 0.002)	6.117	.110
79	MSHTSIT	156.780 (12.683)	0.243 ( 0.008)	0.060 ( 0.005)	19.279	.534
80	NKBPLGTH	181.440 ( 2.168)	----- (-----)	0.116 ( 0.003)	12.793	.503
81	NECKCIRC	336.648 ( 8.414)	-0.041 ( 0.005)	0.147 ( 0.003)	12.790	.578
82	NECKCRCB	329.127 ( 9.432)	-0.016 ( 0.006)	0.137 ( 0.004)	14.338	.511
83	NECKHTLT	-61.938 ( 6.680)	0.882 ( 0.004)	0.030 ( 0.003)	10.155	.973
84	OVHDFTRH	-156.194 (22.438)	1.352 ( 0.014)	0.017 ( 0.009)	34.108	.878
85	OVHFRHE	-124.932 (22.393)	1.397 ( 0.013)	----- (-----)	35.851	.871
86	OVHDFRHS	144.704 (19.221)	0.707 ( 0.012)	0.062 ( 0.007)	29.217	.755
87	PCPHGHT	-155.661 ( 8.231)	0.354 ( 0.005)	-0.040 ( 0.003)	12.512	.748
88	RASTL	-10.292 ( 7.389)	0.156 ( 0.005)	0.008 ( 0.003)	11.232	.485
89	SCYECIRC	339.141 ( 9.406)	-0.037 ( 0.006)	0.219 ( 0.004)	14.298	.722
90	SCYEDPTH	103.704 ( 8.717)	0.036 ( 0.006)	0.059 ( 0.003)	13.251	.272
91	SHOUCIRC	943.963 (19.955)	-0.091 ( 0.013)	0.498 ( 0.008)	30.334	.748
92	SHOUELLT	-7.329 ( 6.752)	0.209 ( 0.004)	0.011 ( 0.003)	10.264	.672
93	SHOULGTH	63.190 ( 6.570)	0.050 ( 0.004)	----- (-----)	10.519	.091
94	SITTHGHT	236.695 (15.680)	0.377 ( 0.010)	0.019 ( 0.006)	23.835	.551
95	SLLSPEL	156.392 (11.189)	0.208 ( 0.007)	0.089 ( 0.004)	17.009	.604
96	SLLSPSC	170.829 ( 2.126)	----- (-----)	0.070 ( 0.003)	12.544	.279
97	SLLSPWR	174.614 (13.614)	0.358 ( 0.009)	0.104 ( 0.005)	20.694	.702
98	SLOUTSM	-32.537 (11.852)	0.361 ( 0.007)	----- (-----)	18.974	.618
99	SPAN	110.959 (31.065)	0.951 ( 0.020)	0.055 ( 0.012)	47.222	.668
101	STRLGTH	456.496 (16.460)	0.022 ( 0.011)	0.275 ( 0.006)	25.021	.612
102	SUPSTRHT	-64.812 ( 7.486)	0.843 ( 0.005)	0.030 ( 0.003)	11.379	.963
103	TENRIBHT	-118.513 (12.404)	0.698 ( 0.008)	0.018 ( 0.005)	18.855	.865
104	THGHGIRC	602.377 (12.216)	-0.212 ( 0.008)	0.467 ( 0.005)	18.569	.858
105	THGHCLR	164.049 ( 4.477)	-0.046 ( 0.003)	0.107 ( 0.002)	6.805	.707
106	THUMBBR	17.355 ( 0.812)	0.002 ( 0.001)	0.005 ( 0.000)	1.234	.179
107	THMBTPR	51.443 (15.978)	0.401 ( 0.010)	0.057 ( 0.006)	24.289	.615
108	TROCHHT	-182.831 (15.666)	0.648 ( 0.010)	-0.034 ( 0.006)	23.814	.751
109	VTCASCC	759.039 (25.616)	0.245 ( 0.017)	0.509 ( 0.010)	38.939	.747
110	VTCUSA	736.326 (25.958)	0.289 ( 0.017)	0.494 ( 0.010)	39.459	.745
111	WSTBLNI	49.596 (11.673)	0.206 ( 0.007)	----- (-----)	18.688	.353
112	WSTBLOM	138.234 (13.469)	0.157 ( 0.009)	0.083 ( 0.005)	20.474	.417
113	WSTBRTH	267.535 ( 9.938)	-0.085 ( 0.006)	0.243 ( 0.004)	15.106	.723
114	WSCIRCNI	895.311 (21.932)	-0.336 ( 0.014)	0.681 ( 0.009)	33.338	.797
115	WSCIRCOW	863.094 (27.172)	-0.347 ( 0.018)	0.775 ( 0.011)	41.305	.771
116	WSTDEPTH	263.527 ( 9.229)	-0.121 ( 0.006)	0.222 ( 0.004)	14.028	.699
117	WSTFRONI	56.944 (11.786)	0.164 ( 0.007)	----- (-----)	18.868	.253
118	WSTFRLOM	158.533 (12.579)	0.104 ( 0.008)	0.093 ( 0.005)	19.122	.390
119	WSTHNI	-100.020 (13.007)	0.680 ( 0.008)	0.043 ( 0.005)	19.772	.856
120	WSTHOM	-200.546 (13.251)	0.736 ( 0.009)	-0.042 ( 0.005)	20.143	.844
121	WSHTSTNI	118.761 ( 8.875)	0.071 ( 0.006)	0.056 ( 0.003)	13.491	.337
122	WSHTSTOM	73.389 ( 9.114)	0.089 ( 0.006)	0.007 ( 0.004)	13.854	.175
123	WSHPLTH	-15.941 (12.639)	0.117 ( 0.008)	-0.017 ( 0.005)	19.213	.116
124	WSNIWSOM	97.282 (10.813)	-0.055 ( 0.007)	0.088 ( 0.004)	16.437	.203
126	WRCTRGR	34.839 ( 2.984)	0.016 ( 0.002)	0.009 ( 0.001)	4.536	.133
127	WRISCIRC	100.579 ( 3.677)	0.021 ( 0.002)	0.048 ( 0.001)	5.589	.548
128	WRISHGHT	-60.765 (13.998)	0.503 ( 0.009)	0.032 ( 0.005)	21.278	.737
129	WRISHTST	600.330 (22.709)	-0.109 ( 0.015)	0.066 ( 0.009)	34.519	.038
130	WRINFNGL	29.941 ( 4.397)	0.081 ( 0.003)	0.010 ( 0.002)	6.683	.457
131	WRTHLGTH	22.739 ( 3.507)	0.055 ( 0.002)	0.007 ( 0.001)	5.331	.373
132	WRWALLN	32.342 (14.653)	0.346 ( 0.009)	0.053 ( 0.006)	22.275	.590
133	WRWALLEX	57.548 (16.090)	0.371 ( 0.010)	0.049 ( 0.006)	24.459	.570
212	BIGBRH	1410.994 (40.979)	-0.355 ( 0.026)	0.512 ( 0.016)	62.292	.374
213	BIINORBH	597.724 ( 8.354)	----- (-----)	0.111 ( 0.011)	49.286	.059
214	BIOCBRMH	1085.805 ( 8.673)	----- (-----)	0.168 ( 0.011)	51.171	.117
215	BTRBDTHH	1338.696 (35.569)	-0.045 ( 0.023)	0.240 ( 0.014)	54.069	.178
216	BIZYBRH	1417.940 (35.621)	-0.144 ( 0.023)	0.341 ( 0.014)	54.147	.278
217	LIPLGTHH	490.505 ( 7.063)	----- (-----)	0.090 ( 0.009)	41.668	.054
218	MAXFRONH	1001.904 ( 8.207)	----- (-----)	0.167 ( 0.010)	48.418	.128
219	MENCRINH	1562.877 (67.559)	0.109 ( 0.044)	0.195 ( 0.026)	102.040	.061
220	MENSELLH	779.412 (39.673)	0.208 ( 0.026)	0.086 ( 0.015)	60.307	.104
221	MENSUBNH	461.587 (35.585)	0.125 ( 0.023)	0.069 ( 0.014)	54.093	.062
222	MINFRONH	931.589 ( 8.271)	----- (-----)	0.152 ( 0.010)	48.794	.107

MULTIPLE REGRESSIONS -- MALE

223	NOSEBRTH	413.680 (29.847)	-0.066 ( 0.019)	0.086 ( 0.012)	45.371	.030
224	NOSEPRH	75.482 (15.819)	0.056 ( 0.010)	0.018 ( 0.006)	24.046	.042
225	SBNSELH	345.093 (22.982)	0.091 ( 0.013)	----- (-----)	36.793	.027
226	ALAREB	1550.785 (48.141)	0.163 ( 0.031)	0.206 ( 0.019)	73.179	.145
227	ALARET	1053.336 (44.598)	0.285 ( 0.025)	----- (-----)	71.401	.066
228	CHEILB	1518.011 (56.875)	0.085 ( 0.037)	0.238 ( 0.022)	86.456	.106
229	CHEILT	1335.953 (46.110)	0.263 ( 0.030)	0.103 ( 0.018)	70.092	.117
230	CRINIONX	1240.873 (64.094)	0.297 ( 0.041)	0.091 ( 0.025)	96.806	.070
231	CRINIONZ	59.649 (64.641)	0.204 ( 0.037)	----- (-----)	102.737	.017
232	ECTORBB	1291.295 (38.344)	0.098 ( 0.025)	0.175 ( 0.015)	58.287	.140
233	ECTORBT	856.389 (36.546)	0.163 ( 0.024)	0.050 ( 0.014)	55.554	.065
234	FRTEMB	1373.612 (39.326)	0.141 ( 0.025)	0.157 ( 0.015)	59.780	.137
235	FRTEMT	674.628 (43.013)	0.130 ( 0.024)	----- (-----)	68.863	.016
236	GLABX	1504.138 (43.121)	0.199 ( 0.028)	0.182 ( 0.017)	65.548	.169
237	GLABZ	667.860 (44.903)	0.168 ( 0.026)	----- (-----)	71.889	.024
238	GONIONB	979.663 (12.197)	----- (-----)	0.250 ( 0.015)	71.956	.130
239	GONIONT	1391.217 (45.157)	0.242 ( 0.029)	0.208 ( 0.018)	68.644	.203
240	INFORBB	1466.209 (42.421)	0.107 ( 0.027)	0.197 ( 0.016)	64.484	.143
241	INFORBT	953.271 (37.006)	0.184 ( 0.024)	0.040 ( 0.014)	56.252	.067
242	MENTONX	1531.436 (16.293)	----- (-----)	0.372 ( 0.021)	96.151	.156
243	MENTONZ	1579.460 (53.376)	0.355 ( 0.034)	0.148 ( 0.021)	81.137	.160
244	PMENTONX	1661.150 (16.115)	----- (-----)	0.358 ( 0.020)	95.075	.149
245	PMENTONZ	1488.496 (54.602)	0.333 ( 0.035)	0.122 ( 0.021)	83.001	.126
246	PRONASX	1593.040 (47.595)	0.250 ( 0.031)	0.203 ( 0.018)	72.348	.186
247	PRONASZ	1059.755 (51.475)	0.262 ( 0.029)	----- (-----)	82.410	.043
248	SELLIONX	1480.332 (42.774)	0.200 ( 0.028)	0.177 ( 0.017)	65.020	.167
249	SELLIONZ	799.866 (44.630)	0.164 ( 0.029)	0.040 ( 0.017)	67.842	.040
250	STOMIONX	1636.347 (59.628)	0.086 ( 0.038)	0.264 ( 0.023)	90.641	.115
251	STOMIONZ	1296.615 (48.731)	0.292 ( 0.031)	0.069 ( 0.019)	74.077	.098
252	SUBNASX	1550.266 (50.445)	0.187 ( 0.033)	0.199 ( 0.020)	76.682	.138
253	SUBNASZ	1105.912 (46.501)	0.292 ( 0.026)	----- (-----)	74.447	.064
254	TRAGB	753.253 (37.271)	0.100 ( 0.024)	0.077 ( 0.014)	56.656	.052
255	TRAGT	944.460 (35.801)	0.132 ( 0.023)	0.058 ( 0.014)	54.421	.084
256	ZYGB	1057.690 (39.203)	0.092 ( 0.025)	0.136 ( 0.015)	59.592	.097
257	ZYGT	961.627 (36.320)	0.178 ( 0.023)	0.048 ( 0.014)	55.209	.072
258	ZYFRB	1358.363 (38.650)	0.125 ( 0.025)	0.171 ( 0.015)	58.753	.148
259	ZYFRT	761.992 (39.880)	0.156 ( 0.026)	0.035 ( 0.015)	60.621	.043

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 100 = -0.966  
INTERCEPT WITH SLOPE 125 = 0.314  
SLOPE 100 WITH SLOPE 125 = -0.185
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 100 = -0.999  
INTERCEPT WITH SLOPE 125 = -0.990



**TABLE 16**

**FEMALE STANDARD MULTIPLE REGRESSIONS**

TABLE 16  
MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 24 (BUTTCIRC) BUTTOCK CIRCUMFERENCE  
39 (CRCHGHT) CROTCH HEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 24 (SE)	SLOPE 39 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-49.393 ( 8.551)	0.318 ( 0.007)	-0.046 ( 0.009)	18.395	.513
6 ANKLCIRC	87.455 ( 4.694)	0.106 ( 0.004)	0.020 ( 0.005)	10.098	.299
7 AXHGHT	278.994 (11.200)	0.154 ( 0.009)	1.045 ( 0.012)	24.094	.803
25 BUTTDPHT	-29.398 ( 5.863)	0.281 ( 0.005)	-0.020 ( 0.006)	12.612	.639
26 BUTTHGHT	44.517 ( 6.561)	0.059 ( 0.005)	0.955 ( 0.007)	14.115	.902
29 CALFCIRC	101.294 ( 5.856)	0.260 ( 0.006)	----- (-----)	17.090	.456
30 CALFHGHT	-64.239 ( 6.091)	0.042 ( 0.005)	0.440 ( 0.006)	13.104	.701
33 CHSTBDTH	72.790 ( 5.117)	0.214 ( 0.005)	----- (-----)	14.934	.426
34 CHSTCIRC	220.937 (20.847)	0.754 ( 0.016)	-0.056 ( 0.022)	44.848	.501
37 CHSTDPHT	26.857 ( 7.244)	0.239 ( 0.006)	-0.024 ( 0.008)	15.583	.454
40 CRCHLNI	142.245 (13.953)	0.633 ( 0.014)	----- (-----)	40.723	.467
41 CRHLOM	173.938 ( 9.873)	0.448 ( 0.010)	----- (-----)	28.815	.466
42 CRLPNI	80.521 ( 8.382)	0.316 ( 0.009)	----- (-----)	24.462	.377
43 CRLPOM	101.281 ( 7.434)	0.212 ( 0.008)	----- (-----)	21.696	.257
57 GLUFURHT	25.717 ( 4.680)	----- (-----)	0.932 ( 0.006)	12.562	.915
65 HIPBRTH	21.324 ( 4.208)	0.342 ( 0.003)	-0.012 ( 0.004)	9.053	.837
68 ILCRSIT	93.000 ( 6.371)	0.127 ( 0.005)	1.002 ( 0.007)	13.707	.919
72 KNEECIRC	21.923 ( 6.604)	0.291 ( 0.005)	0.080 ( 0.007)	14.207	.629
73 KNEEHMP	9.625 ( 4.380)	0.033 ( 0.003)	0.541 ( 0.005)	9.423	.870
75 LATFEMP	28.896 ( 3.851)	0.034 ( 0.003)	0.518 ( 0.004)	8.285	.888
76 LATMALHT	27.587 ( 2.364)	0.012 ( 0.002)	0.028 ( 0.002)	5.086	.082
77 LGTHCIRC	10.027 ( 7.773)	0.361 ( 0.006)	0.024 ( 0.008)	16.723	.633
79 MSHTSIT	305.346 (11.372)	0.160 ( 0.009)	0.161 ( 0.012)	24.466	.219
101 STRLGTH	218.025 (17.620)	0.431 ( 0.014)	0.057 ( 0.019)	37.907	.328
103 TENRIBHT	172.837 ( 8.500)	0.120 ( 0.007)	0.979 ( 0.009)	18.287	.859
104 THGHCIRC	-78.443 ( 6.401)	0.681 ( 0.007)	----- (-----)	18.682	.828
109 VTCASCC	582.034 (20.881)	0.808 ( 0.016)	0.162 ( 0.022)	44.921	.558
110 VTCUSA	578.648 (21.457)	0.814 ( 0.017)	0.213 ( 0.023)	46.162	.555
111 WSTBLNI	224.127 (11.236)	0.058 ( 0.009)	0.113 ( 0.012)	24.172	.069
112 WSTBLOM	204.637 (10.166)	0.152 ( 0.008)	0.118 ( 0.011)	21.870	.211
113 WSTBRTH	3.177 ( 8.955)	0.349 ( 0.007)	-0.066 ( 0.009)	19.265	.535
114 WSCIRCNI	19.045 (19.671)	0.784 ( 0.015)	-0.067 ( 0.021)	42.318	.549
115 WSCIRCUM	-94.710 (25.783)	1.034 ( 0.020)	-0.147 ( 0.027)	55.468	.550
116 WSTDEPTH	-45.920 ( 8.472)	0.285 ( 0.007)	-0.033 ( 0.009)	18.227	.463
117 WSTFRLNI	221.490 (10.745)	0.051 ( 0.008)	0.053 ( 0.011)	23.116	.031
118 WSTFRLM	206.897 ( 9.330)	0.153 ( 0.007)	0.045 ( 0.010)	20.071	.191
119 WSTHNI	114.021 ( 9.815)	0.180 ( 0.008)	0.997 ( 0.010)	21.116	.833
120 WSTHOM	130.584 ( 8.282)	0.080 ( 0.006)	1.004 ( 0.009)	17.816	.867
121 WSTSTNI	106.309 ( 9.034)	0.134 ( 0.007)	0.056 ( 0.010)	19.436	.172
122 WSTSTOM	108.151 ( 4.517)	0.124 ( 0.005)	----- (-----)	13.184	.241
123 WSHIPLTH	77.864 ( 9.785)	0.032 ( 0.008)	0.051 ( 0.010)	21.050	.022
124 WSHIWSOM	-23.443 ( 7.005)	0.102 ( 0.007)	----- (-----)	20.443	.083

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 24 = -0.598  
INTERCEPT WITH SLOPE 39 = -0.676  
SLOPE 24 WITH SLOPE 39 = -0.185

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 24 = -0.998  
INTERCEPT WITH SLOPE 39 = -0.998

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 39 (CRCHHGT) CROTCH HEIGHT  
115 (WSCIRCOM) WAIST CIRCUMFERENCE, OMPHALIOM

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 115 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	-1.146 ( 2.504)	----- (-----)	0.282 ( 0.003)	12.223	.785
6 ANKLCIRC	133.615 ( 4.611)	0.041 ( 0.005)	0.051 ( 0.003)	11.125	.149
7 AXHGHT	354.049 (10.461)	1.076 ( 0.012)	0.062 ( 0.007)	25.240	.784
24 BUTTCIRC	398.550 (16.468)	0.192 ( 0.019)	0.531 ( 0.010)	39.735	.564
25 BUTTDPTH	54.971 ( 5.760)	0.029 ( 0.007)	0.189 ( 0.004)	13.899	.562
26 BUTTHGHT	42.930 ( 5.568)	0.962 ( 0.006)	0.068 ( 0.003)	13.436	.912
29 CALFCIRC	205.498 ( 8.480)	0.062 ( 0.010)	0.125 ( 0.005)	20.461	.219
30 CALFHGHT	-52.759 ( 5.433)	0.448 ( 0.006)	0.030 ( 0.003)	13.108	.701
33 CHSTBDTH	124.779 ( 5.554)	0.022 ( 0.006)	0.174 ( 0.003)	13.402	.538
34 CHSTCIRC	382.690 (16.407)	0.066 ( 0.019)	0.597 ( 0.010)	39.587	.612
37 CHSTDPTH	79.488 ( 5.909)	0.015 ( 0.007)	0.187 ( 0.004)	14.258	.543
40 CRCHLWI	347.270 (18.744)	0.134 ( 0.022)	0.384 ( 0.012)	45.227	.342
41 CRHLOM	402.817 (15.387)	0.115 ( 0.018)	0.146 ( 0.010)	37.126	.114
42 CRLPNI	192.294 (11.396)	0.082 ( 0.013)	0.165 ( 0.007)	27.497	.213
43 CRLPOM	231.123 (10.306)	0.068 ( 0.012)	0.028 ( 0.006)	24.866	.023
57 GLUFURHT	3.922 ( 5.099)	0.928 ( 0.006)	0.031 ( 0.003)	12.302	.918
66 HIPBRTH	158.478 ( 6.804)	0.053 ( 0.008)	0.181 ( 0.004)	16.418	.463
68 ILCRSIT	140.435 ( 5.992)	1.026 ( 0.007)	0.072 ( 0.004)	14.457	.910
72 KNEECIRC	136.997 ( 7.562)	0.136 ( 0.009)	0.156 ( 0.005)	18.245	.388
73 KNEEHTMP	17.345 ( 3.895)	0.547 ( 0.005)	0.025 ( 0.002)	9.397	.870
75 LATFEMEP	38.457 ( 3.439)	0.523 ( 0.004)	0.024 ( 0.002)	8.298	.888
76 LATMALHT	31.834 ( 2.114)	0.030 ( 0.002)	0.007 ( 0.001)	5.101	.077
77 LOTHCIRC	155.340 ( 9.180)	0.093 ( 0.011)	0.190 ( 0.006)	22.150	.356
79 MSHTSIT	384.804 (10.659)	0.194 ( 0.012)	0.063 ( 0.007)	25.718	.137
101 STRLGTH	323.981 (15.390)	0.129 ( 0.018)	0.322 ( 0.010)	37.135	.355
103 TENRIBHT	235.759 ( 8.001)	1.005 ( 0.009)	0.042 ( 0.005)	19.304	.843
104 THGHCIRC	194.006 (13.342)	0.119 ( 0.016)	0.372 ( 0.008)	32.192	.489
109 VTCASCC	862.840 (21.463)	0.311 ( 0.025)	0.488 ( 0.013)	51.788	.412
110 VTCUSA	873.770 (22.395)	0.365 ( 0.026)	0.474 ( 0.014)	54.035	.390
111 WSTBLNI	251.295 (10.082)	0.125 ( 0.012)	0.025 ( 0.006)	24.327	.057
112 WSTBLOM	216.114 ( 8.339)	0.139 ( 0.010)	0.150 ( 0.005)	20.121	.332
113 WSTBRTH	42.948 ( 3.478)	-0.015 ( 0.004)	0.327 ( 0.002)	8.392	.912
114 WSCIRCNI	150.347 (12.074)	0.054 ( 0.014)	0.673 ( 0.008)	29.134	.786
116 WSTDEPTH	-15.397 ( 1.989)	----- (-----)	0.277 ( 0.002)	9.707	.848
117 WSTFRLNI	247.428 ( 9.640)	0.064 ( 0.011)	0.019 ( 0.006)	23.259	.019
118 WSTFRLM	225.088 ( 7.724)	0.068 ( 0.009)	0.142 ( 0.005)	18.637	.303
119 WSTHNI	182.761 ( 9.188)	1.031 ( 0.011)	0.099 ( 0.006)	22.169	.816
120 WSTHOM	205.801 ( 7.611)	1.026 ( 0.009)	-0.019 ( 0.005)	18.365	.858
121 WSHSTNI	163.942 ( 8.409)	0.083 ( 0.010)	0.065 ( 0.005)	20.290	.098
122 WSHSTOM	172.332 ( 6.123)	0.037 ( 0.007)	0.033 ( 0.004)	14.775	.047
123 WSHIPLTH	163.700 ( 8.246)	0.069 ( 0.010)	-0.086 ( 0.005)	19.898	.126
124 WSHIWSOM	-25.623 ( 3.798)	----- (-----)	0.128 ( 0.005)	18.538	.246

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.869  
INTERCEPT WITH SLOPE 115 = -0.438  
SLOPE 39 WITH SLOPE 115 = -0.061

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 115 = -0.995

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 34 (CHSTCIRC) CHEST CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 34 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXPST	-53.704 ( 5.458)	0.304 ( 0.006)	----- (-----)	17.911	.538
5 ACRDLGTH	-26.203 ( 6.063)	0.012 ( 0.004)	0.201 ( 0.004)	10.507	.603
8 AXARCIRC	28.333 ( 8.446)	0.311 ( 0.005)	-0.011 ( 0.005)	14.637	.641
11 BCRMBDTH	107.008 ( 8.447)	0.055 ( 0.005)	0.126 ( 0.005)	14.639	.293
12 BICIRCFL	56.314 ( 4.983)	0.248 ( 0.005)	----- (-----)	16.352	.482
13 BIDLBOTH	74.753 ( 7.933)	0.256 ( 0.005)	0.077 ( 0.005)	13.748	.631
23 BSTPTBR	28.114 ( 7.858)	0.131 ( 0.005)	0.023 ( 0.005)	13.619	.293
24 BUTTCIRC	69.671 (23.459)	0.625 ( 0.014)	0.203 ( 0.014)	40.657	.544
25 BUTTDPH	-1.262 ( 8.546)	0.232 ( 0.005)	0.011 ( 0.005)	14.811	.502
26 BUTTHGHT	-118.303 (13.902)	----- (-----)	0.587 ( 0.009)	25.474	.683
31 CERVHGHT	-95.641 ( 5.902)	0.017 ( 0.004)	0.913 ( 0.004)	10.229	.970
33 CHSTBDTH	9.200 ( 6.112)	0.256 ( 0.004)	0.024 ( 0.004)	10.592	.711
35 CHSTCISC	91.768 (13.023)	0.738 ( 0.008)	0.077 ( 0.008)	22.569	.820
36 CHSTCB	46.215 (14.091)	0.689 ( 0.008)	0.061 ( 0.008)	24.421	.771
37 CHSTDPH	-13.183 ( 5.276)	0.302 ( 0.003)	-0.013 ( 0.003)	9.145	.812
53 FCIRCFL	62.919 ( 6.638)	0.140 ( 0.004)	0.039 ( 0.004)	11.504	.418
55 FORHDLG	17.266 ( 8.961)	----- (-----)	0.261 ( 0.005)	16.421	.506
66 HIPBRTH	23.901 ( 9.828)	0.193 ( 0.006)	0.088 ( 0.006)	17.032	.422
70 INSCYE1	67.714 (11.935)	0.252 ( 0.007)	0.034 ( 0.007)	20.685	.393
71 INSCYE2	71.404 (11.431)	0.178 ( 0.007)	0.088 ( 0.007)	19.811	.323
80 NKBPLGTH	-8.665 ( 9.751)	0.212 ( 0.006)	0.052 ( 0.006)	16.900	.425
81 NECKCIRC	113.031 ( 6.566)	0.145 ( 0.004)	0.043 ( 0.004)	11.379	.446
82 NECKCRCB	108.007 ( 7.139)	0.138 ( 0.004)	0.069 ( 0.004)	12.373	.426
89 SCYECIRC	16.422 ( 8.136)	0.263 ( 0.005)	0.072 ( 0.005)	14.101	.626
90 SCYEDPTH	1.967 ( 7.215)	0.070 ( 0.004)	0.074 ( 0.004)	12.505	.245
91 SHOUCIRC	182.383 (16.676)	0.626 ( 0.010)	0.170 ( 0.010)	28.900	.693
92 SHOUELLT	-19.950 ( 5.721)	----- (-----)	0.218 ( 0.004)	10.484	.637
93 SHOULGTH	48.987 ( 5.547)	----- (-----)	0.059 ( 0.003)	10.164	.119
95 SLLSPEL	17.444 ( 9.010)	0.089 ( 0.005)	0.269 ( 0.005)	15.616	.602
96 SLLSPSC	41.711 ( 6.247)	0.082 ( 0.004)	0.057 ( 0.004)	10.826	.292
97 SLLSPWR	19.290 (12.360)	0.095 ( 0.007)	0.431 ( 0.007)	21.421	.652
98 SLOUTSM	-46.681 (10.611)	----- (-----)	0.364 ( 0.007)	19.444	.587
99 SPAN	32.325 (27.350)	----- (-----)	1.006 ( 0.017)	50.117	.620
101 STRLGTH	36.057 (18.519)	0.482 ( 0.011)	0.126 ( 0.011)	32.096	.518
109 VTCASCC	112.073 (22.662)	0.587 ( 0.013)	0.518 ( 0.013)	39.275	.662
110 VTCUSA	106.562 (23.594)	0.564 ( 0.014)	0.560 ( 0.014)	40.890	.651
111 WSTBLNI	52.709 (12.693)	0.015 ( 0.008)	0.185 ( 0.008)	21.998	.229
112 WSTBLOM	42.013 (11.351)	0.093 ( 0.007)	0.194 ( 0.007)	19.672	.362
113 WSTBRTH	-15.979 ( 5.624)	0.337 ( 0.006)	----- (-----)	18.456	.574
114 WSCIRCNI	-51.265 ( 9.705)	0.856 ( 0.011)	----- (-----)	31.849	.745
115 WSCIRCUM	-130.535 (15.749)	1.017 ( 0.017)	----- (-----)	51.682	.610
116 WSTDEPTH	-27.308 ( 9.744)	0.292 ( 0.006)	-0.020 ( 0.006)	16.887	.539
117 WSTFRLNI	63.783 (12.464)	0.029 ( 0.007)	0.136 ( 0.007)	21.602	.154
118 WSTFRLM	46.189 (10.439)	0.115 ( 0.006)	0.147 ( 0.006)	18.091	.343
119 WSTHNI	-152.947 (12.948)	0.031 ( 0.008)	0.725 ( 0.008)	22.440	.812
120 WSTHOM	-137.448 (11.014)	-0.052 ( 0.007)	0.716 ( 0.007)	19.088	.847
121 WSHSTNI	5.657 (10.863)	0.052 ( 0.006)	0.139 ( 0.006)	18.826	.223
122 WSHSTOM	28.633 ( 7.611)	0.055 ( 0.005)	0.091 ( 0.005)	13.191	.240
123 WSHIPLTH	-13.380 (11.341)	-0.054 ( 0.007)	0.130 ( 0.007)	19.654	.148
127 WRISCIRC	36.902 ( 3.021)	0.044 ( 0.002)	0.045 ( 0.002)	5.236	.421

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 34 = -0.325  
INTERCEPT WITH SLOPE 100 = -0.849  
SLOPE 34 WITH SLOPE 100 = -0.222

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 34 = -0.998  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 91 (SHOUCIRC) SHOULDER CIRCUMFERENCE  
100 (STATURE) STATURE

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 91 (SE)	SLOPE 100 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	-58.798 (11.619)	0.356 ( 0.009)	-0.052 ( 0.007)	19.612	.446
5 ACRDLGTH	-33.831 ( 6.192)	0.027 ( 0.005)	0.195 ( 0.004)	10.452	.607
8 AXARCIRC	-23.604 ( 7.652)	0.423 ( 0.006)	-0.073 ( 0.005)	12.916	.721
11 BCMRBDTH	59.131 ( 7.816)	0.149 ( 0.006)	0.092 ( 0.005)	13.193	.426
12 BICIRCFL	7.215 ( 8.683)	0.351 ( 0.006)	-0.053 ( 0.005)	14.657	.583
13 BIDLBOTH	6.438 ( 5.023)	0.397 ( 0.004)	0.011 ( 0.003)	8.478	.860
23 BSTPTBR	31.575 ( 8.624)	0.130 ( 0.006)	0.012 ( 0.005)	14.558	.192
24 BUTTCIRC	-4.433 (24.314)	0.793 ( 0.018)	0.097 ( 0.015)	41.040	.535
25 BUTTDPH	-24.071 ( 9.094)	0.285 ( 0.007)	-0.025 ( 0.006)	15.351	.465
26 BUTTHGHT	-141.049 (15.044)	0.043 ( 0.011)	0.574 ( 0.009)	25.393	.684
31 CERVHGHT	-99.774 ( 6.048)	0.025 ( 0.004)	0.909 ( 0.004)	10.208	.970
33 CHSTBDTH	-10.619 ( 7.177)	0.304 ( 0.005)	-0.013 ( 0.004)	12.115	.622
34 CHSTCIRC	7.474 (21.940)	1.027 ( 0.016)	-0.095 ( 0.013)	37.034	.660
35 CHSTCISC	-1.414 (13.315)	0.947 ( 0.010)	-0.051 ( 0.008)	22.475	.822
36 CHSTCB	12.060 (18.597)	0.783 ( 0.014)	-0.028 ( 0.011)	31.391	.621
37 CHSTDPH	-10.436 ( 8.585)	0.309 ( 0.006)	-0.042 ( 0.005)	14.492	.528
53 FCIRCFL	39.537 ( 4.377)	0.209 ( 0.004)	-----	10.433	.521
55 FORHDLG	-6.053 ( 9.646)	0.045 ( 0.007)	0.247 ( 0.006)	16.283	.514
66 HIPBRTH	8.454 (10.412)	0.231 ( 0.008)	0.060 ( 0.006)	17.575	.385
70 INSCYE1	22.148 (11.641)	0.350 ( 0.009)	-0.018 ( 0.007)	19.650	.452
71 INSCYE2	14.789 (10.475)	0.294 ( 0.008)	0.037 ( 0.006)	17.682	.460
80 NKBPLGTH	-3.045 (11.159)	0.210 ( 0.008)	0.034 ( 0.007)	18.836	.286
81 NECKCIRC	90.101 ( 6.531)	0.195 ( 0.005)	0.015 ( 0.004)	11.024	.480
82 NECKCRCB	81.670 ( 6.965)	0.194 ( 0.005)	0.040 ( 0.004)	11.756	.482
89 SCYECIRC	-11.541 ( 8.661)	0.327 ( 0.006)	0.029 ( 0.005)	14.619	.598
90 SCYEDPTH	-5.319 ( 7.435)	0.086 ( 0.006)	0.063 ( 0.005)	12.550	.240
92 SHOUELLT	-30.009 ( 6.188)	0.019 ( 0.005)	0.212 ( 0.004)	10.445	.640
93 SHOULGTH	24.457 ( 5.872)	0.047 ( 0.004)	0.044 ( 0.004)	9.911	.162
95 SLLSPEL	-23.723 ( 8.495)	0.171 ( 0.006)	0.236 ( 0.005)	14.339	.664
96 SLLSPSC	16.742 ( 5.972)	0.133 ( 0.004)	0.034 ( 0.004)	10.080	.386
97 SLLSPW	-35.818 (11.791)	0.204 ( 0.009)	0.389 ( 0.007)	19.902	.699
98 SLOUTSM	-65.005 (11.478)	0.035 ( 0.009)	0.354 ( 0.007)	19.375	.590
99 SPAN	-61.228 (29.254)	0.179 ( 0.022)	0.951 ( 0.018)	49.378	.631
101 STRLGTH	31.840 (21.468)	0.510 ( 0.016)	0.076 ( 0.013)	36.238	.386
109 VTCASCC	108.595 (26.308)	0.618 ( 0.020)	0.458 ( 0.016)	44.406	.568
110 VTCUSA	102.492 (26.921)	0.595 ( 0.020)	0.501 ( 0.016)	45.441	.569
111 WSTBLNI	61.094 (12.013)	-----	0.188 ( 0.007)	22.014	.228
112 WSTBLOM	44.559 (11.853)	0.092 ( 0.009)	0.186 ( 0.007)	20.008	.340
113 WSTBRTH	-44.342 (12.489)	0.373 ( 0.009)	-0.030 ( 0.008)	21.081	.443
114 WSCIRCNI	-99.525 (23.098)	0.995 ( 0.017)	-0.121 ( 0.014)	38.988	.617
115 WSCIRCUM	-177.530 (34.911)	1.166 ( 0.026)	-0.140 ( 0.021)	58.928	.492
116 WSTDEPTH	-49.292 (10.798)	0.346 ( 0.008)	-0.063 ( 0.007)	18.226	.463
117 WSTFRLNI	79.849 (11.828)	-----	0.142 ( 0.007)	21.674	.149
118 WSTFRLM	50.194 (11.063)	0.112 ( 0.008)	0.138 ( 0.007)	18.674	.300
119 WSTHNI	-172.699 (13.191)	0.070 ( 0.010)	0.710 ( 0.008)	22.266	.815
120 WSTHOM	-142.080 (11.395)	-0.045 ( 0.008)	0.719 ( 0.007)	19.234	.845
121 WSHSTNI	-2.867 (11.134)	0.070 ( 0.008)	0.129 ( 0.007)	18.794	.226
122 WSHSTOM	24.801 ( 7.858)	0.065 ( 0.006)	0.083 ( 0.005)	13.263	.232
123 WSHIPLTH	-4.654 (11.626)	-0.073 ( 0.009)	0.140 ( 0.007)	19.624	.150
127 WRISCIRC	27.727 ( 2.990)	0.064 ( 0.002)	0.036 ( 0.002)	5.048	.462

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 91 = -0.389  
INTERCEPT WITH SLOPE 100 = -0.706  
SLOPE 91 WITH SLOPE 100 = -0.377

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 91 = -0.999  
INTERCEPT WITH SLOPE 100 = -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 39 (CRCHHGT) CROTCH HEIGHT  
110 (VTCUSA) VERTICAL CHEST CIRCUMFERENCE (USA)

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 39 (SE)	SLOPE 110 (SE)	SE(EST)	R <sup>2</sup>
5 ACRDLGTH	22.197 ( 4.989)	0.288 ( 0.005)	0.044 ( 0.003)	9.306	.689
6 ANKLCIRC	62.109 ( 4.793)	----- (-----)	0.094 ( 0.003)	10.173	.289
8 AXARCIRC	18.121 (10.551)	-0.076 ( 0.010)	0.217 ( 0.006)	19.683	.351
11 BCMRBDTH	144.581 ( 8.046)	0.133 ( 0.008)	0.075 ( 0.005)	15.011	.257
12 BICIRCFL	40.718 (10.372)	-0.039 ( 0.010)	0.177 ( 0.006)	19.350	.274
13 BIDLBOTH	99.086 ( 9.468)	0.046 ( 0.009)	0.195 ( 0.006)	17.663	.391
24 BUTTCIRC	-8.844 (19.288)	----- (-----)	0.638 ( 0.013)	40.936	.538
26 BUTTHGHT	23.139 ( 7.538)	0.946 ( 0.007)	0.056 ( 0.004)	14.063	.903
29 CALFCIRC	78.898 ( 9.226)	----- (-----)	0.179 ( 0.006)	19.581	.285
31 CERVHGT	80.788 ( 9.445)	1.013 ( 0.009)	0.357 ( 0.006)	17.621	.912
34 CHSTCIRC	78.857 (26.259)	-0.117 ( 0.025)	0.600 ( 0.016)	48.988	.405
35 CHSTCISC	142.292 (19.424)	----- (-----)	0.487 ( 0.013)	41.225	.400
36 CHSTCB	83.378 (20.778)	-0.083 ( 0.019)	0.490 ( 0.012)	38.763	.422
40 CRCHLNI	-82.132 (21.143)	-0.065 ( 0.020)	0.579 ( 0.013)	39.444	.500
41 CRHLOM	-8.264 (14.358)	-0.047 ( 0.013)	0.425 ( 0.009)	26.786	.539
42 CRLPNI	-18.154 (11.790)	----- (-----)	0.264 ( 0.008)	25.023	.348
43 CRLPOM	6.722 ( 9.995)	----- (-----)	0.196 ( 0.007)	21.213	.290
53 FCIRCFL	63.392 ( 6.832)	0.028 ( 0.006)	0.111 ( 0.004)	12.746	.285
57 GLUFURHT	3.904 ( 6.704)	0.924 ( 0.006)	0.018 ( 0.004)	12.507	.915
66 HIPBRTH	6.129 ( 8.534)	-0.023 ( 0.008)	0.231 ( 0.005)	15.921	.495
70 INSCYE1	100.662 (11.302)	----- (-----)	0.164 ( 0.007)	23.988	.183
71 INSCYE2	119.157 (11.661)	0.084 ( 0.011)	0.126 ( 0.007)	21.755	.183
72 KNEECIRC	18.694 ( 9.876)	0.075 ( 0.009)	0.189 ( 0.006)	18.425	.376
73 KNEEHTMP	-5.371 ( 5.016)	0.536 ( 0.005)	0.033 ( 0.003)	9.358	.871
77 LOTHCIRC	23.529 (10.594)	----- (-----)	0.231 ( 0.007)	22.485	.337
81 NECKCIRC	122.004 ( 6.886)	0.022 ( 0.006)	0.115 ( 0.004)	12.845	.294
82 NECKCRCB	126.952 ( 7.319)	0.054 ( 0.007)	0.116 ( 0.004)	13.654	.301
89 SCYECIRC	26.001 ( 7.993)	----- (-----)	0.226 ( 0.005)	16.963	.459
90 SCYEDPTH	17.193 ( 6.746)	0.033 ( 0.006)	0.093 ( 0.004)	12.585	.236
91 SHOUCIRC	243.663 (21.705)	0.128 ( 0.020)	0.447 ( 0.013)	40.492	.398
93 SHOULGTH	70.293 ( 5.515)	0.067 ( 0.005)	0.015 ( 0.003)	10.289	.097
95 SLLSPEL	90.533 ( 8.733)	0.316 ( 0.008)	0.133 ( 0.005)	16.293	.566
96 SLLSPSC	62.371 ( 6.118)	0.038 ( 0.006)	0.076 ( 0.004)	11.413	.213
97 SLLSPWR	130.253 (10.431)	0.606 ( 0.010)	0.137 ( 0.006)	19.459	.713
98 SLOUTSM	42.899 ( 8.305)	0.567 ( 0.008)	0.044 ( 0.005)	15.494	.738
99 SPAN	288.797 (21.050)	1.551 ( 0.020)	0.122 ( 0.013)	39.270	.767
101 STRLGTH	101.518 (17.992)	----- (-----)	0.377 ( 0.012)	38.186	.318
104 THGHCIRC	-39.818 (16.620)	----- (-----)	0.405 ( 0.011)	35.273	.387
111 WSTBLNI	81.847 (11.858)	0.063 ( 0.011)	0.155 ( 0.007)	22.122	.220
112 WSTBLOM	51.214 ( 9.814)	0.062 ( 0.009)	0.224 ( 0.006)	18.309	.447
114 WSCIRCNI	-52.424 (27.033)	-0.104 ( 0.025)	0.561 ( 0.016)	50.432	.360
115 WSCIRCUM	-172.662 (35.859)	-0.190 ( 0.033)	0.726 ( 0.021)	66.897	.346
117 WSTFRLNI	101.115 (10.116)	----- (-----)	0.138 ( 0.007)	21.470	.164
118 WSTFRLM	52.054 ( 7.668)	----- (-----)	0.221 ( 0.005)	16.274	.468
119 WSTHNI	-10.334 ( 9.993)	0.951 ( 0.009)	0.218 ( 0.006)	18.642	.870
120 WSTHOM	26.520 ( 8.574)	0.966 ( 0.008)	0.137 ( 0.005)	15.996	.893
121 WSHTSTNI	1.666 ( 9.412)	0.018 ( 0.009)	0.173 ( 0.006)	17.560	.324
122 WSHTSTOM	29.375 ( 6.371)	-0.017 ( 0.006)	0.138 ( 0.004)	11.886	.383
123 WSHIPLTH	-1.499 (10.900)	0.023 ( 0.010)	0.086 ( 0.006)	20.335	.087
127 WRISCIRC	43.820 ( 2.882)	0.038 ( 0.003)	0.051 ( 0.002)	5.377	.389

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 39 = -0.477  
INTERCEPT WITH SLOPE 110 = -0.719  
SLOPE 39 WITH SLOPE 110 = -0.267

2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 39 = -0.998  
INTERCEPT WITH SLOPE 110 = -0.999

MULTIPLE REGRESSIONS -- FEMALE

INDEPENDENT VARIABLES: 100 (STATURE) STATURE  
125 (WEIGHT) WEIGHT

DEPENDENT VAR.	INTERCEPT (SE)	SLOPE 100 (SE)	SLOPE 125 (SE)	SE(EST)	R <sup>2</sup>
2 ABEXDPST	277.590 ( 8.932)	-0.146 ( 0.006)	0.293 ( 0.005)	15.757	.642
3 ACRHGHT	-86.125 ( 8.134)	0.859 ( 0.006)	0.031 ( 0.004)	14.349	.939
4 ACRHTST	89.657 (12.003)	0.269 ( 0.008)	0.044 ( 0.006)	21.174	.454
5 ACRDLGTH	-13.274 ( 5.951)	0.195 ( 0.004)	0.012 ( 0.003)	10.497	.604
6 ANKLCIRC	137.737 ( 5.298)	0.008 ( 0.004)	0.088 ( 0.003)	9.346	.399
7 AXHGHT	-123.487 ( 7.471)	0.838 ( 0.005)	-0.015 ( 0.004)	13.180	.941
8 AXARCIRC	349.269 ( 6.742)	-0.148 ( 0.005)	0.297 ( 0.004)	11.893	.763
9 BLFTCIRC	119.670 ( 5.066)	0.040 ( 0.004)	0.062 ( 0.003)	8.937	.373
10 BLFTLGTH	29.039 ( 3.983)	0.084 ( 0.003)	0.023 ( 0.002)	7.026	.463
11 BCMBDTH	162.748 ( 8.283)	0.104 ( 0.006)	0.050 ( 0.004)	14.612	.296
12 BICIRCFL	328.979 ( 6.658)	-0.132 ( 0.005)	0.270 ( 0.004)	11.746	.732
13 BIDLBDTH	331.865 ( 7.455)	-0.026 ( 0.005)	0.230 ( 0.004)	13.151	.662
14 BIMBDTH	25.916 ( 1.422)	0.019 ( 0.001)	0.011 ( 0.001)	2.508	.363
15 BISBDTH	88.468 (10.792)	0.057 ( 0.008)	0.061 ( 0.006)	19.038	.139
16 BITCHARC	231.320 ( 6.587)	0.018 ( 0.005)	0.068 ( 0.003)	11.620	.230
17 BITCOARC	269.992 ( 6.824)	0.024 ( 0.005)	0.044 ( 0.004)	12.037	.129
18 BITCRARC	256.689 ( 5.681)	0.017 ( 0.004)	0.038 ( 0.003)	10.022	.129
19 BITFRARC	237.629 ( 5.090)	0.014 ( 0.004)	0.043 ( 0.003)	8.980	.176
20 BITSMARC	221.452 ( 1.664)	-----	0.088 ( 0.003)	10.432	.331
21 BITSNARC	238.129 ( 1.674)	-----	0.061 ( 0.003)	10.498	.193
22 BIZBDTH	115.213 ( .726)	-----	0.026 ( 0.001)	4.549	.185
23 BSTPTBR	131.148 ( 2.312)	-----	0.087 ( 0.004)	14.493	.199
24 BUTTCIRC	771.697 (14.349)	-0.149 ( 0.010)	0.707 ( 0.008)	25.312	.823
25 BUTTDPH	251.028 ( 6.188)	-0.109 ( 0.004)	0.247 ( 0.003)	10.916	.730
26 BUTTHGHT	-110.217 (14.430)	0.576 ( 0.010)	0.016 ( 0.008)	25.455	.683
27 BUTTKLTH	92.239 ( 9.883)	0.254 ( 0.007)	0.133 ( 0.005)	17.435	.654
28 BUTTPLTH	15.585 (10.066)	0.263 ( 0.007)	0.060 ( 0.005)	17.757	.555
29 CALFCIRC	299.670 ( 8.470)	-0.056 ( 0.006)	0.231 ( 0.004)	14.942	.584
30 CALFHGHT	-89.079 (10.004)	0.242 ( 0.007)	0.017 ( 0.005)	17.649	.457
31 CERVHGHT	-77.742 ( 5.788)	0.905 ( 0.004)	0.017 ( 0.003)	10.211	.970
32 CERVSIT	101.335 (11.748)	0.311 ( 0.008)	0.034 ( 0.006)	20.724	.516
33 CHSTBDTH	250.935 ( 7.187)	-0.059 ( 0.005)	0.200 ( 0.004)	12.679	.586
34 CHSTCIRC	916.480 (19.504)	-0.282 ( 0.014)	0.727 ( 0.010)	34.407	.707
35 CHSTCISC	800.656 (15.943)	-0.175 ( 0.011)	0.600 ( 0.008)	28.125	.721
36 CHSTCB	703.065 (16.935)	-0.169 ( 0.012)	0.551 ( 0.009)	29.874	.657
37 CHSTDPTH	271.855 ( 7.041)	-0.110 ( 0.005)	0.236 ( 0.004)	12.421	.653
38 CHSTHGHT	-160.168 (11.597)	0.842 ( 0.008)	-0.059 ( 0.006)	20.458	.862
39 CRCHHGHT	-206.648 (13.394)	0.621 ( 0.009)	-0.054 ( 0.007)	23.628	.713
40 CRCHLNI	469.714 ( 6.461)	-----	0.459 ( 0.010)	40.507	.472
41 CRHLOM	305.624 (16.753)	0.079 ( 0.012)	0.277 ( 0.009)	29.554	.438
42 CRLPNI	224.888 (14.398)	0.022 ( 0.010)	0.204 ( 0.008)	25.399	.328
43 CRLPOM	124.876 (12.701)	0.073 ( 0.009)	0.099 ( 0.007)	22.405	.207
44 EARBDTH	24.521 ( 1.387)	0.004 ( 0.001)	0.005 ( 0.001)	2.446	.056
45 EARLGTH	41.469 ( 2.028)	0.007 ( 0.001)	0.010 ( 0.001)	3.578	.095
46 EARLTRAG	23.964 ( 1.316)	0.002 ( 0.001)	0.002 ( 0.001)	2.321	.011
47 EARPROT	19.584 ( .483)	-----	0.004 ( 0.001)	3.026	.010
48 ELBCIRC	172.779 ( 4.015)	-0.014 ( 0.003)	0.141 ( 0.002)	7.083	.720
49 ELRHGHT	117.664 (14.851)	0.047 ( 0.010)	0.042 ( 0.008)	26.198	.044
50 EYEHTSIT	101.649 (12.044)	0.391 ( 0.007)	-----	22.070	.560
51 FTBRHOR	51.297 ( 2.364)	0.014 ( 0.002)	0.024 ( 0.001)	4.170	.285
52 FOOTLGTH	47.951 ( 5.006)	0.110 ( 0.003)	0.028 ( 0.003)	8.830	.478
53 FCIRCFL	216.944 ( 5.405)	-0.035 ( 0.004)	0.152 ( 0.003)	9.534	.600
54 FORFORBR	432.501 (11.902)	-0.118 ( 0.008)	0.369 ( 0.006)	20.996	.633
55 FORHDLG	26.901 ( 9.280)	0.248 ( 0.006)	0.019 ( 0.005)	16.370	.509
56 FNCLEGLG	13.886 (13.762)	0.560 ( 0.010)	0.137 ( 0.007)	24.276	.757
57 GLUFURHT	-184.768 (13.597)	0.583 ( 0.009)	-0.032 ( 0.007)	23.986	.689
58 HANDBRTH	42.674 ( 1.783)	0.017 ( 0.001)	0.015 ( 0.001)	3.145	.298
59 HANDCIRC	106.668 ( 3.915)	0.033 ( 0.003)	0.041 ( 0.002)	6.906	.333
60 HANDLGTH	30.589 ( 4.195)	0.086 ( 0.003)	0.015 ( 0.002)	7.400	.416
61 HEADBRTH	134.010 ( .755)	-----	0.017 ( 0.001)	4.733	.081
62 HEADCIRC	445.926 ( 7.414)	0.039 ( 0.005)	0.059 ( 0.004)	13.079	.203
63 HEADLGTH	136.760 ( 3.347)	0.025 ( 0.002)	0.015 ( 0.002)	5.904	.153
64 HLAKCIRC	118.190 ( 6.002)	0.084 ( 0.004)	0.080 ( 0.003)	10.588	.497
65 HEELBRTH	46.350 ( .681)	-----	0.027 ( 0.001)	4.269	.216
66 HIPBRTH	239.837 ( 7.960)	-0.019 ( 0.006)	0.217 ( 0.004)	14.042	.607
67 HIPBRST	292.603 ( 8.955)	-0.052 ( 0.006)	0.285 ( 0.005)	15.798	.664
68 ILCRSIT	-141.630 (10.642)	0.694 ( 0.007)	-----	19.502	.837
69 INPUPBTH	51.413 ( 1.976)	0.003 ( 0.001)	0.010 ( 0.001)	3.479	.066

MULTIPLE REGRESSIONS -- FEMALE

70	INSCYE1	305.426 (12.405)	-0.046 ( 0.009)	0.196 ( 0.007)	21.883	.320
71	INSCYE2	243.554 (11.417)	0.025 ( 0.008)	0.147 ( 0.006)	20.140	.300
72	KNCECIRC	251.384 ( 7.276)	-0.022 ( 0.005)	0.242 ( 0.004)	12.835	.697
73	KNEEHTMP	-94.354 ( 7.999)	0.339 ( 0.005)	----- (-----)	14.657	.685
74	KNEEHTSI	-45.806 ( 7.581)	0.332 ( 0.005)	0.033 ( 0.004)	13.373	.742
75	LATFEMEP	-76.774 ( 7.145)	0.330 ( 0.004)	----- (-----)	13.093	.720
76	LATMALHT	6.444 ( 2.658)	0.033 ( 0.002)	----- (-----)	4.871	.159
77	LOTHCIRC	322.745 ( 8.427)	-0.083 ( 0.006)	0.307 ( 0.004)	14.866	.710
78	MENSELL	70.856 ( 3.157)	0.021 ( 0.002)	0.013 ( 0.002)	5.569	.128
79	MSHTSIT	99.603 (10.881)	0.281 ( 0.008)	0.042 ( 0.006)	19.196	.519
80	NKBPLGTH	190.984 (10.158)	-0.015 ( 0.007)	0.165 ( 0.005)	17.920	.354
81	NECKCIRC	262.746 ( 6.086)	-0.020 ( 0.004)	0.138 ( 0.003)	10.736	.507
82	NECKCRCB	249.982 ( 6.734)	0.009 ( 0.005)	0.130 ( 0.004)	11.879	.471
83	NECKHTLT	-74.073 ( 5.118)	0.897 ( 0.004)	0.015 ( 0.003)	9.028	.976
84	OVHDFTRH	-135.286 (18.838)	1.348 ( 0.012)	----- (-----)	34.521	.861
85	OVHFRHE	-107.002 (19.242)	1.387 ( 0.012)	----- (-----)	35.260	.862
86	OVHDFRHS	101.637 (15.140)	0.730 ( 0.011)	0.057 ( 0.008)	26.708	.772
87	POPHGHT	-138.951 ( 7.376)	0.352 ( 0.005)	-0.073 ( 0.004)	13.011	.699
88	RASTL	-20.298 ( 6.291)	0.162 ( 0.004)	----- (-----)	11.528	.444
89	SCYECIRC	280.311 ( 7.670)	-0.034 ( 0.005)	0.236 ( 0.004)	13.531	.656
90	SCYEDPTH	72.638 ( 7.040)	0.045 ( 0.005)	0.064 ( 0.004)	12.420	.256
91	SHOUCIRC	809.672 (15.627)	-0.080 ( 0.011)	0.560 ( 0.008)	27.568	.721
92	SHOUVELL	-19.950 ( 5.721)	0.218 ( 0.004)	----- (-----)	10.484	.637
93	SHOULGTH	48.987 ( 5.547)	0.059 ( 0.003)	----- (-----)	10.164	.119
94	SITTHGHT	176.698 (12.487)	0.414 ( 0.006)	----- (-----)	22.882	.570
95	SLLSPEL	106.229 ( 8.839)	0.234 ( 0.006)	0.079 ( 0.005)	15.593	.603
96	SLLSPSC	120.698 ( 6.220)	0.028 ( 0.004)	0.067 ( 0.003)	10.972	.273
97	SLLSPWR	119.131 (12.005)	0.386 ( 0.008)	0.094 ( 0.006)	21.178	.660
98	SLOUTSM	-46.681 (10.611)	0.364 ( 0.007)	----- (-----)	19.444	.587
99	SPAN	47.414 (28.392)	0.986 ( 0.020)	0.030 ( 0.015)	50.085	.620
101	STRLGTH	492.960 (19.579)	-0.031 ( 0.014)	0.380 ( 0.010)	34.538	.442
102	SUPSTRHT	-68.031 ( 5.753)	0.849 ( 0.004)	0.023 ( 0.003)	10.149	.967
103	TENRIBHT	-118.696 ( 9.606)	0.714 ( 0.006)	----- (-----)	17.603	.869
104	THGHCIRC	564.472 (10.287)	-0.203 ( 0.007)	0.558 ( 0.005)	18.147	.838
105	THGHCLR	147.509 ( 4.239)	-0.041 ( 0.003)	0.127 ( 0.002)	7.479	.618
106	THUMBRR	14.623 ( 0.660)	0.002 ( 0.000)	0.005 ( 0.000)	1.165	.134
107	THMBTPR	55.313 (13.512)	0.400 ( 0.009)	0.045 ( 0.007)	23.836	.572
108	TROCHHT	-117.532 (13.213)	0.601 ( 0.008)	----- (-----)	24.212	.714
109	VTCASCC	704.207 (21.488)	0.279 ( 0.015)	0.533 ( 0.011)	37.907	.685
110	VTCUSA	682.321 (22.010)	0.321 ( 0.015)	0.525 ( 0.012)	38.827	.685
111	WSTBLNI	61.094 (12.013)	0.188 ( 0.007)	----- (-----)	22.014	.228
112	WSTBLOM	134.726 (11.133)	0.158 ( 0.008)	0.083 ( 0.006)	19.640	.364
113	WSTBRTH	303.023 (10.217)	-0.121 ( 0.007)	0.297 ( 0.005)	18.023	.593
114	WSCIRCNI	805.338 (17.891)	-0.335 ( 0.012)	0.751 ( 0.009)	31.562	.749
115	WSCIRCOM	907.143 (27.304)	-0.424 ( 0.019)	0.928 ( 0.014)	48.167	.661
116	WSTDEPTH	273.510 ( 8.491)	-0.148 ( 0.006)	0.278 ( 0.004)	14.978	.638
117	WSTFRLNI	79.849 (11.828)	0.142 ( 0.007)	----- (-----)	21.674	.149
118	WSTFRLOM	157.675 (10.336)	0.106 ( 0.007)	0.095 ( 0.005)	18.234	.332
119	WSTHNI	-110.468 (12.606)	0.697 ( 0.009)	0.050 ( 0.007)	22.238	.815
120	WSTHOM	-188.702 (10.825)	0.736 ( 0.008)	-0.045 ( 0.006)	19.097	.847
121	WSHTSTNI	67.866 (10.493)	0.105 ( 0.007)	0.066 ( 0.006)	18.511	.249
122	WSHTSTOM	90.457 ( 7.316)	0.061 ( 0.005)	0.062 ( 0.004)	12.907	.273
123	WSHIPLTH	-68.027 (11.132)	0.151 ( 0.008)	-0.049 ( 0.006)	19.638	.149
124	WSNIWSOM	76.198 (11.445)	-0.036 ( 0.008)	0.094 ( 0.006)	20.191	.105
126	WRCTRGR	33.592 ( 2.647)	0.017 ( 0.002)	0.008 ( 0.001)	4.669	.098
127	WRISCIRC	85.589 ( 2.749)	0.022 ( 0.002)	0.048 ( 0.001)	4.849	.503
128	WRISHGHT	-33.989 (11.550)	0.495 ( 0.008)	0.028 ( 0.006)	20.375	.721
129	WRISHTST	585.106 (19.342)	-0.088 ( 0.013)	0.047 ( 0.010)	34.121	.019
130	WRINFNGL	23.601 ( 3.718)	0.085 ( 0.003)	0.012 ( 0.002)	6.558	.453
131	WRTHLGTH	21.458 ( 3.032)	0.056 ( 0.002)	0.009 ( 0.002)	5.349	.357
132	WRWALLN	36.791 (12.264)	0.343 ( 0.009)	0.039 ( 0.006)	21.635	.545
133	WRWALLEX	59.415 (13.314)	0.368 ( 0.009)	0.034 ( 0.007)	23.487	.531
212	BIGBRH	1146.921 (33.553)	-0.247 ( 0.023)	0.546 ( 0.018)	59.189	.309
213	BIINORBH	524.768 (28.297)	0.057 ( 0.020)	0.089 ( 0.015)	49.919	.036
214	BIOCBRMH	1042.358 ( 8.135)	----- (-----)	0.248 ( 0.013)	51.004	.142
215	BTRBOTHH	1214.974 ( 7.736)	----- (-----)	0.241 ( 0.012)	48.501	.147
216	BIZYBRH	1238.362 (27.799)	-0.055 ( 0.019)	0.336 ( 0.015)	49.039	.223
217	LIPLGTHH	482.074 ( 6.577)	----- (-----)	0.109 ( 0.011)	41.237	.046
218	MAXFRONH	975.697 ( 8.041)	----- (-----)	0.221 ( 0.013)	50.415	.119
219	MENCRINH	1306.188 (52.284)	0.211 ( 0.036)	0.185 ( 0.028)	92.216	.069
220	MENSELLH	704.001 (31.577)	0.214 ( 0.022)	0.135 ( 0.017)	55.704	.132
221	MENSUBNH	462.680 (29.283)	0.091 ( 0.020)	0.124 ( 0.016)	51.658	.071



MULTIPLE REGRESSIONS -- FEMALE

222	MINFROMH	867.530	(25.752)	0.041 ( 0.018)	0.160 ( 0.014)	45.429	.096
223	NOSEBRTH	350.286	(26.443)	-0.046 ( 0.018)	0.114 ( 0.014)	46.647	.030
224	NOSEPRH	86.967	(12.221)	0.058 ( 0.007)	----- (-----)	22.395	.027
225	SBNSSSELH	265.985	(19.373)	0.132 ( 0.012)	----- (-----)	35.500	.053
226	ALAREB	1421.965	(41.133)	0.230 ( 0.029)	0.188 ( 0.022)	72.562	.117
227	ALARET	1015.974	(38.078)	0.236 ( 0.026)	0.104 ( 0.020)	67.172	.088
228	CHEILB	1403.869	(50.725)	0.157 ( 0.035)	0.222 ( 0.027)	89.483	.073
229	CHEILT	1260.271	(38.623)	0.243 ( 0.027)	0.186 ( 0.020)	68.134	.136
230	CRINIONX	1288.373	(47.284)	0.257 ( 0.033)	0.138 ( 0.025)	83.397	.079
231	CRINIONZ	193.932	(53.492)	0.112 ( 0.037)	0.064 ( 0.028)	94.347	.012
232	ECTORBB	1216.716	(32.943)	0.140 ( 0.023)	0.144 ( 0.017)	58.115	.090
233	ECTORBT	812.637	(30.999)	0.151 ( 0.022)	0.090 ( 0.016)	54.684	.069
234	FRTEMB	1266.908	(32.802)	0.183 ( 0.023)	0.156 ( 0.017)	57.865	.121
235	FRTEMT	575.463	(34.650)	0.162 ( 0.021)	----- (-----)	63.495	.026
236	GLABX	1406.750	(34.825)	0.250 ( 0.024)	0.156 ( 0.018)	61.433	.144
237	GLABZ	834.147	(10.938)	----- (-----)	0.079 ( 0.017)	68.581	.009
238	GONIONB	975.136	(11.085)	----- (-----)	0.143 ( 0.018)	69.503	.029
239	GONIONT	1329.182	(34.694)	0.225 ( 0.024)	0.197 ( 0.018)	61.202	.162
240	INFORBB	1351.844	(36.790)	0.183 ( 0.026)	0.178 ( 0.019)	64.900	.113
241	INFORBT	880.533	(31.536)	0.187 ( 0.022)	0.091 ( 0.017)	55.631	.086
242	MENTONX	1324.740	(52.867)	0.145 ( 0.037)	0.278 ( 0.028)	93.261	.088
243	MENTONZ	1490.499	(43.377)	0.324 ( 0.030)	0.255 ( 0.023)	76.519	.186
244	PMENTONX	1440.550	(52.705)	0.158 ( 0.037)	0.289 ( 0.028)	92.976	.097
245	PMENTONZ	1323.230	(43.924)	0.358 ( 0.031)	0.199 ( 0.023)	77.486	.165
246	PRONASX	1494.446	(38.804)	0.304 ( 0.027)	0.174 ( 0.021)	68.453	.158
247	PRONASZ	957.668	(43.573)	0.255 ( 0.030)	0.069 ( 0.023)	76.866	.062
248	SELLIONX	1384.455	(34.731)	0.258 ( 0.024)	0.137 ( 0.018)	61.268	.137
249	SELLIONZ	791.422	(36.564)	0.124 ( 0.025)	0.097 ( 0.019)	64.502	.044
250	STOMIONX	1480.881	(54.084)	0.184 ( 0.038)	0.242 ( 0.029)	95.408	.080
251	STOMIONZ	1213.457	(40.974)	0.274 ( 0.028)	0.148 ( 0.022)	72.281	.115
252	SUBNASX	1454.922	(42.568)	0.237 ( 0.030)	0.188 ( 0.023)	75.093	.113
253	SUBNASZ	1047.606	(40.397)	0.260 ( 0.028)	0.091 ( 0.021)	71.263	.083
254	TRAGB	755.757	(30.440)	0.114 ( 0.021)	0.053 ( 0.016)	53.698	.034
255	TRAGT	902.646	(29.673)	0.157 ( 0.021)	0.124 ( 0.016)	52.346	.103
256	ZYGB	1055.429	(41.988)	0.086 ( 0.029)	0.145 ( 0.022)	74.070	.042
257	ZYGT	1067.229	(28.936)	0.074 ( 0.020)	0.122 ( 0.015)	51.045	.062
258	ZYFRB	1290.476	(34.504)	0.142 ( 0.024)	0.161 ( 0.018)	60.867	.095
259	ZYFRT	727.956	(33.901)	0.128 ( 0.024)	0.076 ( 0.018)	59.804	.042

CORRELATIONS AMONG REGRESSION COEFFICIENTS:

- 1) MULTIPLE REGRESSION: INTERCEPT WITH SLOPE 100 = 0.960  
INTERCEPT WITH SLOPE 125 = 0.271  
SLOPE 100 WITH SLOPE 125 = -0.529
- 2) SIMPLE REGRESSIONS: INTERCEPT WITH SLOPE 100 = -0.999  
INTERCEPT WITH SLOPE 125 = -0.999